



CARLETON

UNIVERSITY MAGAZINE

Winter 2001



Inside:
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A GOLDEN ERA

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Ottawa's dynamic new-age economy**

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Carleton University
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Photo: Gregory Abraszko

Cover Story

6 A golden era

Carleton is playing a leading role in fueling Ottawa's dynamic new-age economy.

By Marlene Orton

Departments

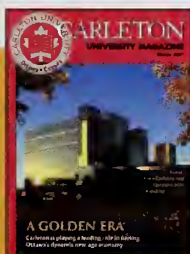
CU Online	2
Viewpoints	3
Letters	5
Faculty Profile	16
On Campus	19
Alumni News	23
Capital Report\$	27
Class Acts	31
Countdown	35

Feature

17 Minding their own business

Armed with technical know-how, gutsy business plans and little to lose but sleep, today's university students are taking their futures into their own hands. Starting companies long before they graduate, these young entrepreneurs are learning first-hand the risks and rewards of minding their own business.

By Mary Gordon and Gabrielle Gray



On the cover

Three new floors have been added to the gleaming glass and brick Minto Centre for Advanced Studies in Engineering.

Photography: Gregory Abraszko

Upfront

9 Balancing Act

High-tech workers are walking on a high-wire.

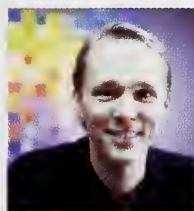
By Kristen Vernon and
Christine Boyd



Alumni Profiles

11 Powering the new economy

Politicians and pundits have proclaimed this the age of the knowledge-based industry — where more and more people are working with their brains rather than their hands. For evidence, one needs to look no further than this collection of Carleton entrepreneurs whose brainpower is driving Canada's innovative high-tech workforce.



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Carleton University's worldwide network of alumni branches, chapters and affiliates extends across Canada in major cities, the U.S. and overseas. Now alumni everywhere can connect with fellow graduates through our online news and events forum. With just the click of a mouse you'll get the latest news, announcements and events happening in your corner of the globe. Coming soon: Sign up to receive personal e-mail notification of news and events postings! Go online today at www.magazine.carleton.ca.

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Welcome to *Carleton University Magazine Online*, the interactive version of your favourite alumni magazine. The online magazine is a valuable information source for readers. It also offers a host of interactive features to engage you in ways that are difficult — if not impossible — to do in print. Bookmark us now so you can access your favourite news source 24 hours a day, seven days a week.

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Watch for more interactive items over the next year. And be sure to let us know how you like the magazine.

Join the Debate CU Magazine Interactive Poll

Whatever the subject — from admissions standards to academic excellence, brain drain to budget constraints, technology to tuition fees, here's your chance to have your say on today's hot topics in higher education.

See page 10 for our latest question. Enter your vote online at www.magazine.carleton.ca

Q: Is Canada's culture in danger of being swallowed up by the American 'monoculture'?

☐ yes

☐ no

Enter vote

Latest results . . .

yes (53.8%)

no (46.2%)

Fall 2000 E-poll results

Announcing a winner

Our Fall 2000 issue celebrated Carleton's expertise in Canadian arts and culture. We asked readers to share their own version of a patriotic rant for Carleton. Congratulations to Christy Spicer-Lemaire, BA/94, of Constance Bay, ON., for her winning submission:



"Carleton gives me a sense of pride that extends from the picturesque grounds of the campus, and transcends the quality of education received, to an identification with a group of people which made my university experience at Carleton distinct and special."

Go online at www.magazine.carleton.ca to read more submissions from alumni who are proud to be Carleton grads.

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From the top

Since the adoption of its strategic plan "Steps Toward Renewal" in 1996, Carleton has made great strides in achieving its goal of being a research-intensive university. And while the Carleton community enjoys some of the benefits of research intensity, we also recognize that there are many challenges ahead as we attempt to solidify and maintain this prestigious status.

What are these challenges? There are a number of trends and developments — mostly externally driven — which affect the research enterprise.

One challenge is to our traditional role as educators and knowledge generators in the general realm of scholarly activities. Today, it is not enough that we work primarily within the "ivory tower." In our rapidly changing society, it is now expected that universities lead the way toward greater generation and integration of knowledge. We are required to better prepare critical thinkers who can identify and solve problems with creativity from a much broader perspective. It is therefore necessary to understand and react to the current research environment locally, nationally and internationally.

Carleton is growing rapidly. Our graduate enrolment is very healthy and research revenues are at the highest level in our history — \$27 million in 1999-2000. Still, our faculty, staff, students and alumni feel it is important to preserve our friendly cohesive campus atmosphere and our unique position in the region, while offering programs of quality and innovation that will continue to rank among the best in Canada.

I use the word "unique" in describing Carleton's position in the community. Indeed, we are the envy of many research-intensive universities. Our location in Canada's capital — home of the federal government, the diplomatic community and many national research centres — provides Carleton with access to unparalleled resources for our specializations in public policy, international studies and social planning.

The explosion of the high-tech industry in Ottawa allows us opportunities for innumerable partnerships and research collaborations. The drive within the high-tech sector to be innovative and competitive relies very much on research and development and Carleton is well-equipped to meet this demand. Not only can we meet the challenges of technical innovation and discoveries, we can help companies deal with the social and legal problems often associated with rapid development.

Our combined strengths in social sciences, public affairs and management, science, engineering and design along with high technology studies puts us in a very advantageous position to seize the opportunities that surround us.

Carleton will continue to seek excellence in every aspect of its operation. Being in a research-intensive environment is one way to achieve this goal.

*Feridun Hamdullahpur
Vice-President, Research
Carleton University*

Editor's welcome



[in.no.va.tion] n.

In this economic era that is rife with its own high-tech vernacular, this is one tag word we all can recognize. Definition: the act or process of change, discovery, originality, ingenuity. The word pretty much sums up the content of this issue of *Carleton University Magazine*.

In this issue we celebrate the people — Carleton faculty, students and alumni — who are the brainpower behind this burgeoning knowledge-based industry. From the high-flying execs who are piloting multi-million dollar companies, to the young entrepreneurs who are just getting their startups off the ground, these individuals are learning first-hand the risks and rewards of innovation.

Those of us behind the scenes at the magazine have also embraced this notion of innovation.

For the first time ever, our editorial team has embarked on a pilot project with the School of Journalism and Communication. The result is that most of the stories in this issue and online were written by 16 first-year master's students in Professor Bob Rupert's reporting class. My editorial assistant, Anna

Nicolle, a journalism teaching assistant, coordinated the publishing project.

The MJ1 class not only pitched the story ideas, they did their own research, conducted interviews and wrote their assignments on a tight deadline.

In the pages ahead and in our online edition, you'll discover how Carleton is positioning itself to play a strategic role in fueling the high-technology growth in the region. You'll learn how some high-tech workers are dealing with the stresses of work/life balance. You'll meet student entrepreneurs who have launched their own Internet-based companies. And you'll read about a fascinating array of faculty and alumni who are forging into the next century with new ideas and a passion for innovation. This is in addition to our regular campus news, our alumni updates and our campaign reports. And don't forget to check out our new back page feature, *Countdown*.

The publishing project was really a win-win situation for everyone involved. The students got practical experience, not to mention bylines for their clippings files. I got to enjoy the enthusiasm, energy and expertise of these emerging journalists. And you, the readers, can now reap the benefits of an issue jam-packed with entertaining and informative stories written by future alumni.

Nancy Lewis

nancy_lewis@carleton.ca



Sincere thanks and congratulations on a job well done to the following Carleton University MJ1 students: Seated, left to right, are: Gabrielle Gray, Corrine Smith, John Corker, Christine Boyd, Jim Donnelly, Inderjit Sehdev, Mylène Dorcé, Michelle Lavoie. Standing, left to right, are: Liam Gerofsky, Jason Fekete, Kristen Vernon, Sam Singh, Christine Roger, Colin Campbell, Janice Manchee, Mary Gordon.



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Magazine Mission Statement

Carleton University Magazine is published by the university regularly throughout the year for the university's alumni and friends. The magazine is the university's primary vehicle for providing information on activities and events within our community; on the accomplishments of alumni, faculty and students; and on significant issues and developments within the university community and the alumni association. The magazine's principal aims are: to inform its audience in an accurate and timely fashion; to stimulate interest in the university and the alumni association; to encourage the university's alumni and friends to understand and support Carleton's mission; to foster pride in the institution; to facilitate awareness and involvement on the part of alumni around the world; and to create and maintain good will. The magazine is distributed to 64,000 alumni world-wide.

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Clearing the air

Congratulations. The fall 2000 issue really looks good. There are a couple of errors and omissions that will need clarification.

In your editorial you state that the School of Canadian Studies is "launching two new leading edge PhD programs in native studies and cultural mediations." This is not so. We are launching a joint Interdisciplinary PhD in Canadian Studies with Trent University. Also, the PhD in cultural mediations is located in another Institute headed up by Chris Faulkner.

I would also have liked to see mention made of the excellent master's program in Canadian art history. This program has been going for seven years and just received glowing reports from external assessors. Graduates like Donna Wawzonek and Sandra Dyck are only two of some 30 who are excelling in careers across Canada.

Thanks again for raising the profile of Canadian arts and culture at Carleton.

Natalie Luckyj
Director, School of Canadian Studies
Carleton University

Alternative viewpoint

I read with interest your fall 2000 issue with its focus on Carleton's expertise in Canadian arts and culture. There is an interesting array of faculty and alumni who have examined cultural policy from different perspectives informed by a variety of disciplines.

Your coverage of the topic fails to recognize the diversity of research opinions expressed at Carleton on this issue. You describe a consensus of support for inward-looking, protectionist cultural policies. Such consensus does not exist on or off campus and fails to refer to alternative points of view.

I was a faculty member from 1970 to 1996 and since retiring have continued some teaching and research including the publication in 1999 of a book coauthored with Professor Keith Acheson, *Much Ado about Culture, North American Trade Disputes* (University of Michigan Press) which is a scholarly examination of the disputes and a review of Canadian cultural policies.

My interest in the subject dates from the 1970s when I co-authored a book with

Professor Al Litvak, also at Carleton at the time, entitled *Cultural Sovereignty, The Time Reader's Digest Case in Canada* (Praeger) and referred to in the recent split-run case involving *Sports Illustrated*. Over the past twelve years I have co-authored with Keith Acheson a number of related academic publications including two chapters in editions of *Canada Among Nations* edited by the Norman Paterson School of International Affairs. A complete list of these can be found on my Web site www.carleton.ca/~cmaule/. We have presented papers and talks to non-academic as well as academic audiences and been interviewed on radio and television. On October 6th, 2000, I gave a presentation to two roundtables organized by the Department of Canadian Heritage on cultural policy, and Keith will be giving a paper to a federal government sponsored policy conference in November.

Such a selective treatment of the subject in your publication is inconsistent with what I assume is an editorial mandate to describe impartially the extent of serious research done on campus and the contribution it makes to the evolution of policy. You have left the reader with two impressions, bias or ignorance. Perhaps you have an alternative explanation.

Christopher Maule
Distinguished Research Professor
Economics and International Affairs
Carleton University

Appreciation from abroad

I am grateful to all of you at the alumni office that since I left Carleton in 1980 I have been on the magazine's mailing list. Everyone in my family now looks forward to receiving it and we all enjoy it. It is a good job you guys have been doing, even if I have not in the past had the opportunity to say so to you and your predecessors.

I cherish the memories I took away from Carleton and remember fondly some of my teachers — Lynn Mytelka, Leo Panitch, Reg Whitaker and S. Langdon. I am impressed to see that Carleton continually improves its programs and the students get value for their money and time. I look forward to following developments at our beloved Carleton online.

Keep up the good work. Cheers.

Eme Ekekwe
Nigeria

Carleton pride

I graduated from Carleton with a BA in history in 1979. I attended Carleton because I was fascinated with the history and especially, Canadian politics.

My friend Tim Noonan and I would go to Parliament Hill and stand behind the news scrum in a desperate attempt to end up on the national news. We were always successful. I ended up working for Pierre Trudeau on the 1979 and 1980 campaigns and I was out door knocking for the Liberals the night my first daughter was born during that successful 1980 campaign.

I'm proud of my connection to Carleton because it provided me with an access to great Canadians like Pierre Trudeau and a small place in Canadian history.

I went on to teach for the last 18 years, serving both as history department head and student services chair for the last 13 years. Many of my students have gone on to Carleton, partly they tell me, because of my stories about the school and its proximity to Parliament Hill. Perhaps I spread some of that Carleton pride!

Dan Williams
Orillia, Ontario

Three cheers

Great job on the fall issue of *Carleton University Magazine*. I certainly do enjoy all the updates on what's new at the university. But, I also like the diversity of topics and issues that the various articles cover. Keep up the good work.

Tomas Oliva
Gibbsboro, New Jersey, U.S.

Carleton University Magazine welcomes the submission of letters by its readers. Address letters to:

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A GOLDEN ERA

Carleton is playing a leading role in fueling Ottawa's dynamic new-age economy.

By Marlene Orton

When Joseph Elchakieh graduated from Carleton in 1985 with a bachelor of engineering degree, he quickly made a name for himself in Ottawa's rapidly changing telecom industry. Now an award-winning business leader, Elchakieh is yet another Carleton success story in the region's fast-paced, explosive economy.

The president and CEO of Sedona Networks praises his alma mater as a superb training ground. His hot high-tech startup has grown to 150 employees from six over the last year, earning it the Ottawa Board of Trade's Business of the Year award for 2000.

Yet Elchakieh is frank about the university's urgent need of a good buzz treatment to exploit its talents, resources and opportunities in the new economy.

"Perception is everything," says Elchakieh. "Carleton has great faculty, great programs, great industry participation. But it needs to work on the marketing side so it can promote itself better."



Joseph Elchakieh

For more than half a century, Carleton University has shone like a beacon in the nation's capital, nurturing its workforce and endowing private industry and public institutions with strong leadership. The economic strengths of the region have historically helped to define the university's strategic focus. During the period of government growth after the Second World War for example, the university's emphasis was largely on public administration and management.

Now, as the Ottawa region bursts into a stellar hot spot with an expanding high-technology industry, Carleton is poised to play a leading role in fueling this dynamic new-age economy.

In recent years, the region's high-tech industry has spun off hundreds of new companies that are in turn creating well-paying, highly skilled jobs faster than they can be filled. A massive influx of new economy workers is flooding the area, saturating the housing market and boosting consumer spending. The once sleepy almost aristocratic centre of government activity now is driving the nation's economic growth.

"This is a golden time here," says Samy Mahmoud, Dean of Carleton's Faculty of Engineering. "We are building on our strengths. Most universities tend to have a large number of faculties so they tend to be spread thin. Here, our focus on IT is very clear. That makes it very easy for us."

For many years, Carleton has provided the region's burgeoning telecom-



Samy Mahmoud

"This is a golden time here. We are building on our strengths ... our focus on IT is very clear."

Carleton is investing in a high-tech future

- Enrolment in IT programs has increased from 18 percent in 1988 to approximately 29 percent. Some 3,200 students are enrolled in engineering programs, the second largest high-tech enrolment in Ontario.
- Carleton will launch a brand new program in information technology in 2002. The new bachelor of applied science will be offered as a joint undergraduate degree/diploma program with Algonquin College.
- A major centre for research and education in high-technology is scheduled for completion in 2002. The 85,000 square foot Azrieli Pavilion will house new space for architecture and industrial design as well as advanced high-tech labs.
- An ambitious hiring program is underway to attract young faculty members, especially in the area of

IT, to overcome a looming teaching shortage. Nearly two dozen new engineering faculty have been hired in the last two years. Approximately 18 more faculty positions will need to be filled in the next few years.

- Ottawa's first startup portal, www.carleton.ca/startupsportal, was launched last fall to help connect Carleton students to the dynamic local high-tech environment.
- A presidential advisory committee of business leaders from the high-tech community meets regularly with senior administrators to cultivate contacts between academia and industry.
- University president Richard Van Loon will travel to northern California to cultivate closer ties with a growing army of successful Carleton alumni, key companies and universities located in Silicon Valley.

- Three new floors of laboratories and classrooms were added to the gleaming glass and brick Minto Centre for Advanced Studies in Engineering.
- Carleton was a founding partner in the National Capital Institute of Telecommunications, a joint industry, government and university research effort which builds on Carleton's current expertise in telecommunications and related areas.
- Carleton has formed strategic alliances with high technology corporate partners including Cognos, Mitel, Cisco Systems and Nortel Networks.



munications industry with engineering and computer systems scientists from its faculty and graduates. But more recently it's making efforts to market itself as a key player in the sector by identifying technology as a critical niche area. Carleton is moving ahead with dedicated plans to widen its activities both on campus and abroad.

"High-technology is one of the three strategic areas Carleton is focused on," says President Richard Van Loon. "Along with public affairs and management and our enhanced BA program, our extensive platform of IT programs is helping to make Carleton a leader in the growth and development of the Ottawa area."

High-technology grew from the innovative efforts of government and a handful of far-sighted corporations — including Nortel Networks and Computing Devices Canada on the private side with the Defence Department and the National Research Council on the public side. Now high-tech supports more than 70,000 employees in the region and contributes billions of dollars to the

Canadian economy. Nortel alone pumps more than one quarter of its estimated \$18 billion U.S. in annual revenues back into research and development and employs 12,000 people in Ottawa with thousands more at headquarters in Brampton, Ont., and other technology hot spots in Montreal and Calgary.

The university is at the forefront of research and teaching in telecommunications and wireless technologies, encryption, neuroscience and medical physics, advanced materials, photonics and software development.

"Many of the world's finest companies are working with us to ensure that Carleton faculty and students have access to the best and most advanced labs, facilities and software, as well as co-op placements and research opportunities," says Van Loon. "The wonderful success of our graduates is the clearest indicator of the quality of education and research here at Carleton."

Many Carleton graduates have not only honed their skills in Ottawa but

have taken their place as community and industry leaders by breeding new companies.

Elchakieh is but one example. Other high-tech luminaries who have gone on to incubate and grow new companies, have ties to Carleton. Among them:

- Bruce Linton, BPA/92, who heads webHancer Corp.;
- James Cherry, MEng/95, PhD/99, of Conexant, formerly with Philips;
- Antoine Pacquin, BEng/89, who founded Philips and has successfully started a string of high-tech startups;
- Bruce Gregory, BEng/90, President and CEO, Extreme Packet Devices Inc.;
- Richard DeBoer, BEng/88, who founded Syberus, a telecommunications company bought out by Lucent Technologies; and
- Jaison Dolvane, BSC/98 of Espial Group, a hot Internet software company.

"I don't have a scientific survey," says Mahmoud, "but just on a sample basis a high percentage of new high-tech start-ups have have founded or co-founded by a Carleton grad. The number in the Ottawa area is especially large. That really shows this is a university linked with the new era. We graduate people for today's economy."

Not all high-tech success stories originate from the engineering and computer science faculties. Business leader Andy Katz, BCom/79, worked as a chartered accountant at Deloitte Touche, helping to set up its high-tech section by bringing in new clients such as Newbridge Networks (now Alcatel). He is now co-founder of Skypoint Capital Corp., which provides seed funding to early stage entrepreneurs.

"The talent pool from Carleton is huge," says Katz. "That's a theme I've been talking about for years. Carleton very much under-advertises the success of some of its graduates."

The talent pool includes more than just alumni, however. Carleton is successfully learning to foster technology entrepreneurship among its students and professors and a variety of their projects have turned into money-making enterprises.

Tony Bailetti, an engineering and business professor at Carleton, founded his company, ICHU (I Can Help U) Intranet Learning Inc., at Carleton in 1996. Revenues have been over \$1 million in the last couple of years.

Bailetti says the university's commitment to technology-driven business is leading edge.

"I think the university is doing a fantastic job delivering high-quality programs to students," says Bailetti. "It offers strong graduate and undergraduate programs that support innovation and entrepreneurship. We have faculty in business and engineering who are experts in these areas. Many of our graduates have started up new businesses. Some of the best technology-based companies in the world hire our students and fund our research efforts."

Former Carleton engineering professor Martin Lefebvre is another good

example of an academic turned entrepreneur. Lefebvre is founder of Cadabra Design Automation, which recently was taken over by Numerical Technologies of California. Lefebvre, who obtained his master's degree and PhD at Carleton, developed an innovative software that went into the formation of his new company. Now royalties in excess of \$100,000 have been paid back to Carleton and Lefebvre now works out of San Jose, California — the dream destination for many high-tech entrepreneurs including Carleton grad Charles Chi, BEng/88.

Chi, who founded then sold a U.S. business venture in the sizzling optics component market, is now a general partner with Greylock, one of the largest, most prestigious American high-tech venture capital firms. Last fall, he brought the entire Greylock partnership to Carleton to talk to students and faculty about entrepreneurship and to better acquaint his colleagues with Ottawa.

"While I am very familiar with Ottawa, the partnership as a whole wasn't as familiar with the capabilities of the Ottawa entrepreneurial community. One objective was to bring our portfolio companies together with other local entrepreneurs who may want to join one of our startups," says Chi, who is based in San Jose. "There are many engineering students who have gone on to do fantastic things as entrepreneurs," says Chi. "Carleton needs to promote its entrepreneurial high-tech startup origins."

Chi is doing his part to plug Carleton in California by hosting an alumni reception at his sprawling Palo Alto home in January. The guest list will include President Van Loon and a contingent of Carleton faculty and staff who will tour Silicon Valley to forge fresh links with alumni, universities and corporations.

"There are so many opportunities in Silicon Valley, from developing corporate and university partnerships to enhancing contract research, co-op po-



Colin Robertson and his wife Maureen Boyd.

sitions and internships," says Susan Doyle, Assistant Vice-President, Development and Alumni. "Because of Carleton's pre-eminence in IT teaching and research, it is essential that we enhance links in other high-tech centres. Northern California is the obvious place to focus."

That's the way Colin Robertson sees it. The newly appointed Consul General to the U.S. in California, Robertson, MA/78, has become an ambassador between academia and industry. His primary mandate is investment and trade between Canada and a number of western U.S. states in his portfolio, including California.



Charles Chi

Photo: C&P Photography

"What better place to do research and development than in Canada and at Canadian institutions that are already providing you with your new knowledge workers. That is an incredible benefit I see accruing to the Canadian universities," he says.

Ottawa's strong economy, its attractive lifestyle and its room for growth put institutions such as Carleton in a perfect position for the future.

"Ottawa is a natural for this," says Robertson. "Ottawa is already getting a lot of attention down here."

Marlene Orton, BJ/75, is a writer based in Casselman, Ontario.

Balancing Act

High-tech workers are walking on a high-wire

By Kristen Vernon and
Christine Boyd

Five years ago, Rod Brandvold spent little time with his three-year-old twin daughters — a minute for a quick kiss as they lay sleeping before he headed off for work at 6:30 a.m. A half hour of playtime after work before they toddled off to bed at 8 p.m. Occasionally two full days on weekends, if he wasn't too exhausted after working a 65-hour week as director of leadership development at one of Ottawa's major high-tech companies.

Then he cracked.

"I thought, 'how the hell can I do this job and be a father?' It just seemed impossible at the time," Brandvold remembers, adding that he was reluctant to discuss the workload with co-workers. "I felt for a long time that I was dying in a secret world surrounded by super-competitive people. And I thought, 'This is nuts!'"

Brandvold isn't alone. In a recent survey among high-tech workers in the Ottawa area, one in five said their work-life balance was out of whack. Almost 25 per cent reported high levels of burn-out. Among the 110 "key" employees interviewed — the ones companies feel are vital to their success — nearly one in five said they're thinking of quitting because of workload.

The study, Career Development in the High Tech Sector, examined job satisfaction and career development at seven of the 10 largest high-tech com-

panies in the Ottawa area. It was conducted by Linda Duxbury, a business professor at Carleton University; her colleague Lorraine Dyke, an associate business professor; and Natalie Lam, an associate professor in the faculty of administration at the University of Ottawa.

They surveyed more than 1,500 knowledge workers, including Brandvold, and interviewed 110 key employees, then conducted case studies at Cognos Inc. and Mitel Corp., considered leading companies in career development.

While the study indicates high-tech workers generally enjoy their jobs, it identified a number of frustrations —

particularly with workload.

"People talked about the fact that the workload was just horrendous and that they could never seem to get away from it. The expectations were that if you said 'no' to more work or if you left early, then you weren't showing the right stuff," says Duxbury. "What they don't seem to tolerate is anybody — regardless of gender — having responsibilities outside of work."

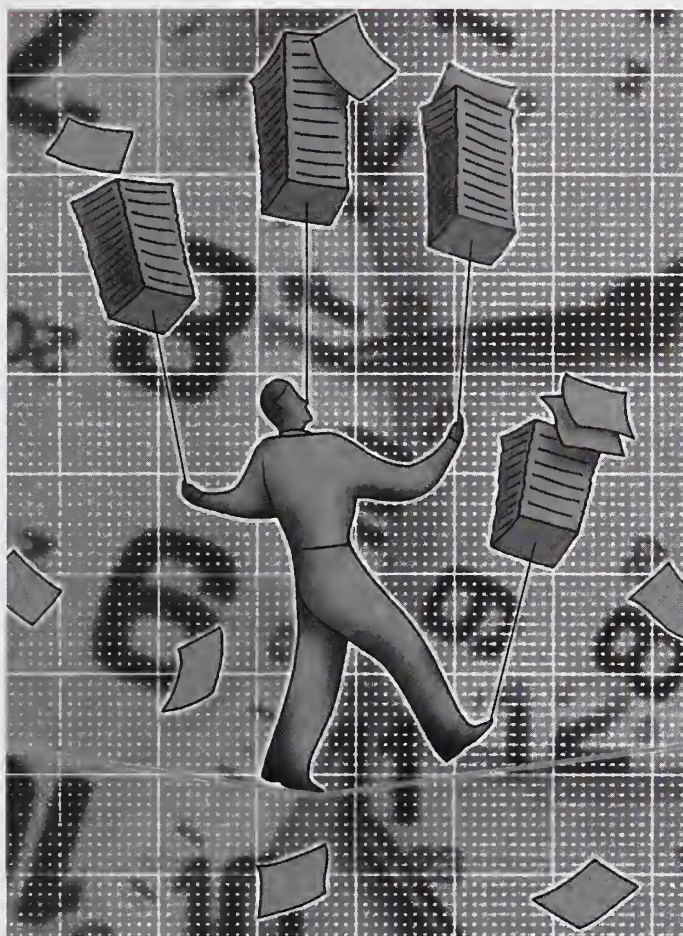
The average work-week hours were "phenomenally high," she says: 46 hours in general, 50 for key employees and 55 for managers.

"If that 55-hour week is the norm, that means half of my managers are working a 65 to 70 hours a week," says Duxbury.

The main job frustration, according to 40 per cent of the key employees, is what Duxbury calls a "culture of hours." "Presence equals performance, hours equals output," she says, adding that the high-tech industry honours this equation more than most. "If you work those hours, if you work that 70-hour week, week in, week out, you'll get promoted."

The long work week takes its toll. The study found 83 per cent of those surveyed think work-life balance is important, but over a third don't feel they have it. Balance seemed more elusive for some groups.

Workers under 30 — an unusually high percentage in high-tech — were



classified by the researchers as “The Blessed.” Few have children and few reported balance problems. “They could focus pretty well exclusively on their careers,” says Duxbury.

Then came “The Stressed” — workers in their 30s. Many have been recently promoted, some into management, and at the same time, are starting families. “Their work demands, in many cases, were even increasing, but you throw a child into the equation and all of a sudden, their stress levels went up astronomically and they couldn’t balance,” Duxbury says.

Finally, “The Neglected” — workers over 40. They not only face the same challenges as The Stressed, but often mentor younger colleagues and care for aging parents as well.

One in four of the key employees said conflicts between work and family hurt their careers — and the problem is likely to get worse, says Duxbury. She predicts within the next five to 10 years, half the high-tech workforce will be in the “sandwich group” — those who care for their kids and parents.

Meanwhile, many of “The Blessed” are about to hit their 30s and start families.

The demographic shift means smart high-tech companies will change the way they address work-life balance, Duxbury says. Two general labour trends up the

ante. She points to a recent Statistics Canada study that predicts a shortage of skilled labourers. As well, Canadians increasingly define career success by more holistic measures: not only promotions and pay increases but also manageable workloads and balance.

She suggests several ways companies can help their employees achieve bal-

According to Duxbury, companies can help their employees achieve balance by recognizing that their workers’ needs change over time, creating a supportive environment, providing more career counselling, and rewarding work done — not necessarily hours clocked.

ance. They include recognizing that their workers’ needs change over time, creating a supportive environment, providing more career counselling, and rewarding work done — not necessarily hours clocked.

“I think you’re going to start seeing real movement... because it’s really being strongly linked now to recruitment and retention,” she says. “If they don’t, they’re in danger of losing their more productive employees.”

The shift is already happening, according to Sean Reid, public relations manager at Cognos. Among measures introduced to help employees achieve balance, Cognos allows flexible hours, has built an on-site fitness centre, accommodates sabbaticals and gives paid time-off to employees who volunteer in the community.

“The labour market in this industry is just so competitive,” Reid says. “We know work-life balance is an issue in attracting the kind of people we want to attract and in retaining the kind of people we want to retain... We’re not a sweatshop at Cognos. We like people who have lives.”

People like Rod Brandvold.

Brandvold’s brush with burnout five years ago forced him to change his lifestyle, he says. He credits Nortel for being supportive and flexible. For four years, the company allowed him to pioneer working from home.

He is now vice-president of organizational development at Cognos, where he works 45 to 50 hours a week. He has a lot more time to spend with his family, he took a few weeks off for vacation last summer and even hits the local rink once a week for recreational hockey. Brandvold feels his work and family life are in balance, but he warns it doesn’t come easily in high-tech.

“After marrying a third time and having children, that forced me to become more efficient,” Brandvold says. “You have to be proactive and assertive about finding your balance and making it happen.”



Linda Duxbury

Join the debate

Q Are you finding it difficult to keep a healthy work and home life balance in today’s fast-paced economy?

Enter your vote online at
www.magazine.carleton.ca

Powering the new economy

Politicians and pundits have proclaimed this the age of the knowledge-based industry — where more and more people are working with their brains rather than their hands. For evidence, one needs to look no further than this collection of young Carleton entrepreneurs whose brainpower is driving Canada's innovative high-tech workforce.

Tuning in to customer demands

By Corinne Smith

If retailers had to hang out a shingle to open shop online, a bookstore could use one shaped like a book, a boot could work for a shoe store.

Mymusic.ca could rely on a giant stick of chewing gum.

That's because *Mymusic.ca*, an online business selling music, prides itself on its personalized and innovative customer service. Every purchase made online is shipped out with two pieces of Bazooka bubble gum.

"We add little touches with every order," says Janice McDonald, a Carleton graduate and one of *Mymusic.ca*'s four owners. "It is absolutely key... that we let you know we're different from anyone else."

Just as the Web may be seen as one of last century's most fundamental innovations, many tout the Internet's commercial potential as the wave of the future. But there can be pitfalls in e-commerce. In recent months many established online retailers fizzled. They start big, only to find themselves overextended when costs are high and demand is too low.

In this virtual minefield, *Mymusic.ca* may stand apart thanks in part to McDonald's savvy business sense. Launched a year-and-a-half ago, the Ottawa-based company is now a Canadian leader in online retail. From lucrative branding agreements with Coca-Cola Inc., to positive feedback

from its customer base, *Mymusic.ca* seems to be right in tune with consumer demand.

McDonald says it's important to remember the bottom line, even when you're online.

She says many online businesses launch with ambitious ideas, only to find themselves unable to handle the growth. They end up as the "flame-out companies."

"What's important to remember in e-tailing is that it's still a business. Even though you're conducting it online, business principles still have to apply."

Mymusic.ca is the latest venture in McDonald's 10 years in the music retail business. In addition to *Mymusic.ca*, she and her husband, Stephen Bleeker, own CD Warehouse, an independent music store with two Ottawa locations.

An Ottawa native in her early 30s, McDonald has an undergraduate degree in mass communication and a master's degree in Canadian studies from Carleton. She says she's applied one key lesson to her business that she learned as a graduate student. While working on her master's thesis, she says

her adviser, Professor Bruce McFarland, told her to write every day.

"If you are committed to writing only five pages a day, even if there are days when you don't feel like writing... you think I've only got five pages. That's the commitment I've made to myself. You almost trick yourself into writing the whole thing."

Likewise, McDonald has built up both CD Warehouse and *Mymusic.ca* disc by disc. When the site went live, McDonald says *Mymusic.ca* "grew really slowly. We had controlled growth, which is really important to do. [It means] you're meeting a demand from your customers. You're able to keep up."

CD Warehouse has been nominated twice as Canadian retailer of the year. McDonald says peer recognition is encouraging, but what's more important is that McDonald is tuned into her customer base and takes their cues to tailor her business. An Ipsos-Reid poll last November indicated that nearly one in five Canadian Internet users planned to do holiday shopping online. McDonald says, "People are ready to shop online."



Janice McDonald

Corel CEO has a style of his own

By Leanne Yohemas-Hayes

Derek J. Burney, the new man at the helm of Corel Corporation, has chosen different digs than the former chief executive.

Michael Cowpland's office looked like fishbowl, nestled in the middle of the fourth floor of the eight-storey office tower in Ottawa. Burney has taken a spacious office off to the side of the building.

"I'm not him, so I didn't move into his office," Burney says. "It's more of a conversational type of room," he adds about his own office, noting that he isn't one for long, drawn-out meetings.

His salt and pepper beard and intimidating six-foot-two broad frame, make him appear older than his 38 years. But as a CEO he's considered quite a young breed.

Burney became interim CEO after Cowpland, MEng/68, PhD/73, resigned this summer. The position was made permanent in October. That's when Corel made truce with its enemy — Microsoft Corp. In exchange for a \$135 million infusion of cash, Microsoft will get a 25 percent non-voting share in Corel.

Larry O'Brien, founder and chairman of Calian Technology Ltd.'s board of directors, says Burney is a good match for Corel. Burney's greatest asset, says O'Brien, is his "raw intellect."

"He's a CEO in training but he's learning really very, very quickly," says O'Brien, who was appointed to Corel's board the same day Burney was made interim CEO.

Burney was a late bloomer when it came to getting his university degree. He entered Carleton's computer science program in 1988 at age 26. Though he

was always interested in computers — toying around with the first Commodores to hit the market — it didn't occur to him that he could major in them at university.

Instead Burney made a living doing something else he was good at — playing in a variety of local rock bands. Burney played everything from trumpet and drums to bass and guitar.

He discovered Carleton's School of Computer Science when he started to grow tired of the music scene. The transition from musician to academic came naturally.

"I did quite well in university," he says. "I credit the fact that I spent five years playing

in bands and was able to get that out of my system. By the time I put my mind into going to school, that was my complete focus."

Burney also credits Carleton's co-op program for introducing him to Corel. Upon finishing his degree, he got job offers from Corel and Nortel. He chose Corel because of its smaller size. Today, Corel has 900 employees in Ottawa and about 10 in Dublin.

Burney has risen quickly through the ranks at Corel. Before taking on the leadership role, he ran the company's engineering department and was responsible for software development.

"To some extent I fell up the cracks," he says with a laugh. "I've certainly had a very successful lucky career in a lot of respects. And to some degree you make your own luck, but this has been a great environment for me to do what I like best — I guess it shows."

As one of four children of diplomat Derek H. Burney, he grew up in the Far East. He spent eight years in Japan, three in Korea.

Burney is married to Sandra Gibson-Burney, the company's former executive vice president of human resources, now a stay-at-home mom. They each brought two children into the family, all between the ages of five and ten.

"We're like a modern day Brady Bunch," says Burney.

Similar to his predecessor, Burney likes cars. He doesn't own Porsches but he has a 1973 AMC Javelin — a muscle car — and a BMW M5.

Burney is determined to bring his own style to the company.

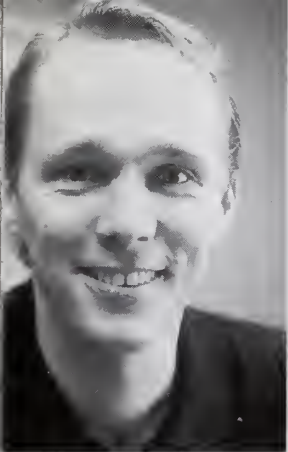
"We've fixed a lot of the problems," he says. "But it's not enough to fix the problems, you need to be able to prosper."

Leanne Yohemas-Hayes, MJ/98, is an Ottawa-based journalist.



Photo: Mike Pinder

Derek Burney, BCS/93, left, and his father, Toronto business man Derek H. Burney, President and Chief Executive Officer of CAE Inc., share a moment following the university's fall 2000 convocation ceremony when the senior Burney received a Doctor of Laws, honoris causa.



Bruce Linton

The buck stops here

By Michelle Lavoie

When the high-tech industry seems to be churning out young entrepreneurs primarily concerned with making tons of money, Bruce Linton's attitude is refreshing.

"It's not just about the buck," says Linton, BPA/92.

Linton, 34, is president of webHancer, a Web performance company that is the first in the industry to measure the end user's "real performance experiences." webHancer helps e-businesses find ways for a site to meet customer's expectations and requirements.

"I think some people become entrepreneurs because of the money. Other people become entrepreneurs because it's a chance to lead and change and do things."

Linton regards himself as a capitalist entrepreneur with a social conscience. His socialist beliefs were strengthened at age 19 when he lived for a year in Sri Lanka on a Canada World Youth exchange program.

His view of the country as underprivileged — "after all, people lived in huts there" — quickly changed when he saw that "between the Buddhist mentality and an agrarian society you get nice ways of interacting with each other... people always stop to help."

Linton may be socially conscious, but there is entrepreneurship in his soul.

"There is this juice. You gotta be running something, you gotta be pushing it, you gotta wake up a little bit scared quite often. It's awesome, it drives you over the edge sometimes."

Linton, a former president of the Carleton University Student's Association, got his start in high-tech when he and Terry Mathews, founder of Newbridge (now Alcatel), both sat on the Carleton University Board of Governors from 1990 to 1992. Mathews followed him out to his van after a meeting to ask him for a resume and invited him to come to Newbridge for an interview. At the time, Linton didn't realize that Mathews was one of Ottawa's high-tech gurus.

"Cool," I said. "What's your company? What is it? What do you do?"

The next day, Linton put on his only suit and tie, spent six or seven hours with Mathews and was offered a job working right in his office.

"He offered me less than I was making at Molson's (a summer job), which was fine. I didn't care. It's not all about money."

Mathews became Linton's idol. While at Newbridge, then later at CrossKeys, he watched Mathews in action and learned how intense the man is.

According to Federico Colasante, BEng/98, a senior programmer with webHancer, some of that intensity has worn off onto Linton.

"He's very energetic. He just exudes success. He thinks big and moves faster than everybody else. It pushes you to succeed."

Linton and Norman Wong, another former CrossKeys employee, founded webHancer in June 1999. It has grown to 85 employees, 15 of them Carleton graduates. In June 2000 they raised \$19-and-a-half-million in venture capital. By next year revenues should hit \$10 million.

Our objective is to grow as fast as we can, get as big as we can and be as successful as we can," says Linton.

Yack like a Yettie!

By Liam Gerofsky

Has "bandwidth glut" got you down? Are "vulture capitalists" nipping at your heels? Maybe your startup has been blessed by the divine intervention of an "angel investor?" Any "yettie" sightings lately?

Deciphering the new insider lingo that is used to describe today's business and high-tech entrepreneurs can be a maddening chore, especially if you're a novice navigator of the new economy.

Perhaps it is time we all took a crash course in cracking their encryption. A few definitions will provide some clarity.

Bandwidth glut is a technical term that looms over companies that provide the infrastructure of the Internet. Bandwidth refers to the capacity with which fibre-optic "pipes" carry information electronically from computer to computer. If there is too much information and not enough "pipes," there is a potential for failure — **bandwidth glut**. The more fibre available, the more regular the system will be.

Vulture capitalist is a label for those who push start-up companies into contracts that deny inventors control over their own innovations and, thus, much of the money made from their ideas. An unflattering tag for some, but a healthy living for others.

Another burgeoning participant in the new economy is the **angel investor**. For many young entrepreneurs, this person can indeed be a blessing from above. **Angel investors**, who are usually successful business professionals, infuse start-up enterprises with cash investments. Angels often take a hands-on advisory role in the young company. But as an investor, an angel expects to turn a profit. If your business fails, you may have to look to the devil for a new deal.

Finally, a new generational moniker has arisen to categorize the successful youth of the 21st century. In the '80s we had yuppies, the '90s saw the rise of the yuppie. Today, **yetties** are the successful economic innovators. They are young, entrepreneurial technocrats. **Yettie** sightings are becoming increasingly more common in the new economy.

Smart and savvy duo

By Jason Fekete

They may deal in artificial intelligence, but two Carleton grads hope they have the real smarts to take the wireless world by storm.

In an industry dominated by men, Sue Abu-Hakima, MEng/88, PhD/94, and Connie McFarland, BCS/85, are leading a company that may become a world player.

Abu-Hakima, 39, is President and CEO of AmikaNow! which specializes in artificial intelligence technology for wireless communication. McFarland is Director of Research and Development. The company's products read and interpret the key content of electronic messages, reducing the amount of text sent and received at portable devices like laptops, cell phones and pagers.

Founded in October 1998, the Ottawa-based AmikaNow! is a relative newcomer to the high-tech industry. But it's already carved out its own niche in the region. And Abu-Hakima says the company isn't just surviving — it's thriving.

"There are fewer than three or four companies in the world doing what we are doing," says Abu-Hakima. "The more we do, the more demand there is for it. I expect the company will double in size in a year."

Abu-Hakima says she's always had an entrepreneurial spirit.

"In 1982, while looking for a job, I put in my profile that I wanted to build robots that spoke," she says. "When I look at it, I have done the software part or brain part of my goal."

Abu-Hakima has specialized in artificial intelligence for almost 20 years. She worked at Bell Northern Research labs (now Nortel Networks Technologies) and the National Research Council of Canada (NRC) leading the Seamless Personal Information Networking laboratory.

Resigning from NRC "was the scariest day of my life," she says. "I had no funding and no venture capital behind me to finance my own company. I went out to family and friends and raised around \$100,000 initially."

Abu-Hakima then secured a government loan and a research-and-development contract from Bell Mobility. In the first year, she was able to accumulate close to \$1 million in start-up funding. AmikaNow! currently has 37 employees and is talking partnership with companies around the world.

"We met with Microsoft in February 2000," says Abu-Hakima. "They were excited by our stuff. We may yet work out a deal with them."

McFarland, 40, joined the company in January 1999, having previously worked at Object Technology International (OTI) and Bell Northern Research labs. Her work at OTI contributed to the development of IBM's VisualAge for Java and VisualAge for Smalltalk products.

McFarland says jumping to a new startup company was a huge gamble.

"We had left companies that had very good reputations, so all the pressure was on us to succeed. I think we've done pretty well," she smiles.



Connie McFarland

McFarland thinks the entrepreneurial spirit of Abu-Hakima and the other employees is essential. Without a motivated team, she says, it's hard to stay afloat in the high-tech industry.

The company's future depends heavily on McFarland and her technical team in product development, and she thrives on the challenge.

"One of the things that motivates me is building new technology and building the reputation of the company," she says. "We get a lot of validation from our work."

McFarland, often busy recruiting students from across the province, recently attended a day of startup companies' presentations at Carleton.

"The culture of the industry is changing so much," she says. "We want to find out where the students think high-tech is going. Any input from them is great."

Abu-Hakima is now establishing a number of graduate student scholarships in the area of artificial intelligence. She says the people she employs had a lot to do with her founding AmikaNow! in Ottawa, rather than in the U.S.

"This region is absolutely rich in R&D talent. We've got a lot of really enthusiastic and excited people. We've got great values in Canada."

Abu-Hakima and McFarland are guarded when it came to discussing their income. In an industry where millions can be made and lost in a trading day, Abu-Hakima says she looks at success differently.

"If you do a startup for money, you will surely fail. You need to have a passion. My measure of success will be three hundred million people on the Internet using my technology."



Sue Abu-Hakima

An expert in ergonomics

By Mary Gordon

High-tech workers may have to spend the day sitting in front of a computer screen, but Microsphere Inc. is helping them do it in comfort.

"I wish you could see the stuff on my walls," says Carleton industrial design grad Paul Conder from his office in Vancouver. He's referring to drawings of high-tech furniture and equipment that will change the way we work in the future.

Conder, 32, is the chief designer behind the Microsphere, an innovative and ergonomic computer workstation. His idea is "you should be comfortable while you work."

Microsphere combines micro, meaning small, and sphere, which stands for atmosphere, or environment. The individual's workspace, says Conder, is itself a small atmosphere.

Microsphere is about "redesigning the interface," he says. When you work at a computer, "there's you, and there's the computer. The connection between the two is the interface," he says. The Microsphere's components move: the angle and height of the keyboard, footrest, and armrests all adjust to suit the user. It even reclines, because the key-

board and monitor recline too. This brings the work to the user.

In November 1999, Microsphere Inc. launched the workstation at Comdex in Las Vegas, the world's largest information technology trade show. The small Vancouver-based company made a huge splash. The Microsphere, which sells for \$2,500 US, made "The Best of Comdex" list and created a huge buzz in the industry and the media. Microsphere Inc. was featured on CNN and ABC and they sold their entire product line.

The media hype hasn't stopped. Last June, Microsphere Inc. triumphed in a new venue — the Neocon World Trade Fair in Chicago — a massive high-end furniture trade show. Microsphere Inc. won the gold awards for "Best of Neocon 2000" and "Most Innovative Product." In November 2000, the Microsphere was listed in *Popular Science* magazine as one of this year's best new products.

Conder acknowledges that the workstation isn't for everyone. Many people, he says, won't give up the traditional desk.

"For people who spend most of their time handling, say, binders full of documents, or large drawings, nothing will replace a big work surface," he says.

But Microsphere Inc. is constantly adding new accessories. Extra work surfaces for writing and paperwork, a drawer/file unit, and cup-holders accommodate different ways of working. The company is also testing the workstation's chair as a stand-alone product.

"It will still let you recline and move freely, as you would in a Microsphere, but it will be on a separate base with wheels," Conder says. It will also have an adjustable headrest, and an optional matching footrest.

So what are all those diagrams on Conder's walls? He won't get into specifics, except to say he's excited about them and about the rapidly-changing technology industry.

He says computers are becoming smaller. "A screen will weigh nothing, the CPU (the central processing unit) will be the size of a coffee cup, they may be attached to you in some kind of wireless technology..."

If only those walls could talk.

Paul Conder in the Microsphere.

Profiles online

Michael Bussière is using interfaces, sound modules, software applications and virtual space to create music.

Webmama **Barbara Coll** is one of 1,000 Carleton grads living in California, and loving it.

Operating an online grocery-shopping service ain't all gravy as **Garfield Coore** can attest.

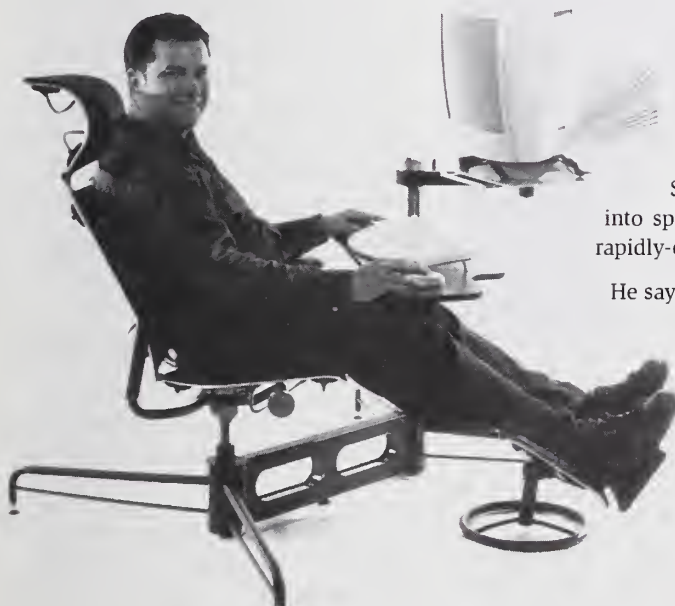
Jason Côté launched a consulting company at age 16 and now devotes his time to teaching technology to youth.

Randy Woods is heading up an Ottawa high-tech firm with dozens of employees and revenue in the millions. And it's because of — not in spite of — his arts degrees.

To read these fascinating alumni profiles, go to:
www.magazine.carleton.ca



read more about
Webmama
Barbara Coll on-line



Teaching by example

Prof brings real world expertise to the classroom

By Jim Donnelly

Tony Bailetti strides confidently into class, coffee in one hand, a stack of papers in the other. The engineering and business professor's students, anxiously waiting in a brightly lit, new classroom in Carleton's Minto Centre, fall silent.

"One of the things I used to hate about my profs," he slowly begins, "is that when I handed in an assignment, it took them months to give it back." Several members of the class nod in agreement. He laughs. "By that time, you've forgotten what the thing's even about. I don't work that way."

Bailetti removes his wire-framed glasses, runs a hand through his dark, grey-streaked hair and quickly distributes a pile of essays that his 116 students in his engineering management class submitted one week ago.

The 52-year-old native of Peru has been teaching almost half his life, and still loves it.

"Teaching has always been my number one priority," confides Bailetti. "I love teaching, and it has always been a part of me. I still get together with students that I taught 20 years ago."

The theme of the essays he's been handing back in tonight's class — how to start an online, Internet-based business — is particularly fitting.

Bailetti is president of ICHU (I Can Help U) Intranet Learning, an Internet company he founded at Carleton in 1996. ICHU helps large corporations develop the leadership and entrepreneurial skills of their employees. It employs 17 people and now occupies a plush downtown Ottawa office on Isabella Street.



Tony Bailetti

Photo: Susan Bernard

"I like to teach people about product development, innovation and entrepreneurship," Bailetti explains. "I see the Internet as a huge learning infrastructure that can be used to provide a unique educational experience to students worldwide."

Born in Huancayo, a city in central Peru's Andes Mountains, Bailetti completed an industrial engineering degree in Lima before enrolling in the University of Cincinnati's MBA program when he was 21.

Financed by a Fulbright scholarship, he completed his master's degree and a PhD. In 1976 he moved to Winnipeg to teach at the University of Manitoba. Bailetti was offered a job at Carleton's School of Commerce (now the School of Business) in 1979, and became its director two years later. In 1988, Bailetti took a sabbatical and became a director at Bell Northern Research (now Nortel Networks).

"I'm one of those guys that really likes to get their hands dirty," he says of the experience. "I forced myself to do it. Now when I get up in front of a class of 116 students, I know what I'm talking about because I've done it, as opposed to just reading it out of a textbook."

"He (Bailetti) is big on teaching anything valuable that he can," says Robin Chahal, a fourth-year computer systems engineering student.

Bailetti holds a joint appointment with the School of Business and the Department of Systems and Computer Engineering. He is the director of the masters in engineering program in telecommunications technology management offered by the Faculty of Engineering and Design. He also won a Carleton University Teaching Award in 1996.

Bailetti has five children. Two of them — his daughter Katia and his oldest son Marco — work at ICHU.

"(My father's) ideas are always brand-new and cutting edge," says Marco, a recent graduate of Carleton's mass communications program. "He tends to create new markets instead of simply addressing existing ones. He is a gifted innovator."

It's almost 9:30 p.m. Tonight's session has been over for half an hour, but Bailetti is still here. He's just finished helping a student.

His enthusiasm belies the fact that it's the end of a long day.

"It's more than just a mark that I give my students," he says, a satisfied look crossing his face. "I like to provide them with insights, knowledge, experience, guidance, encouragement — all the things that they come to Carleton University for."

Minding their own business

Armed with technical know-how, gutsy business plans and little to lose but sleep, today's university students are taking their futures into their own hands. Starting companies long before they graduate, these young entrepreneurs are learning first-hand the risks and rewards of minding their own business.

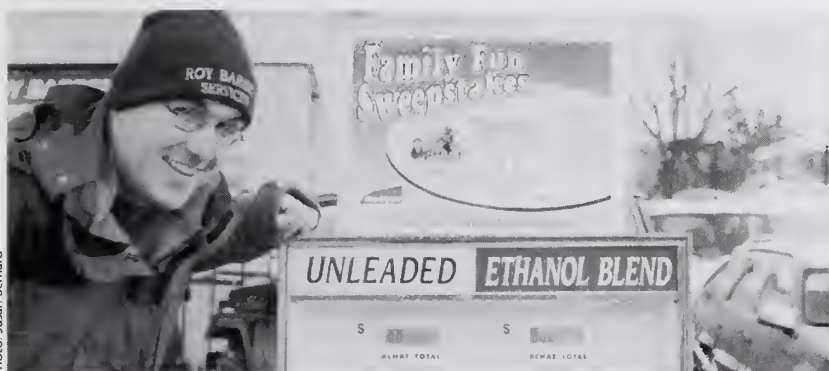


Photo: Susan Bernard

Glen Gower

By Mary Gordon and Gabrielle Gray

Glen Gower and Jonathan Cianiullo are among a growing legion of Carleton grads who are branching out beyond the golden arches.

Gower, 22, makes extra bucks pounding the organ for the Ottawa Senators and the Ottawa 67s. But that's just one of his after-school jobs.

The third-year journalism student is the mastermind behind two popular Ottawa Web sites *OttawaStart.com* and *OttawaGasPrices.com*.

In the summer of 1998, Gower worked at Environment Canada. To keep himself organized, he created a bookmark file with relevant Ottawa Internet links. Co-workers admired his desktop and asked if he could make a similar Web page for them.

"Some people thought it would be really useful so I put it online."

That's when Gower realized there was a market for a comprehensive Ottawa Web site. And so *OttawaStart.com* was born.

Gower named himself "managing editor." His site provides links to Ottawa-area entertainment, news, and current

events, including bus schedules, traffic cameras, movie listings, and classifieds. Gower also answers e-mails, updates the news content and sells advertising space. He contracts out most of the technical work to friends, mainly Carleton students. The site gets about 25,000 page hits per week.

While he doesn't want to give an exact figure, he says he's doing "pretty good financially."

"It pays the bills... you know, tuition, and rent. It's getting better all the time."

OttawaGasPrices.com, another enterprise for Gower, is an off-shoot of the successful *OttawaStart.com*.

"In Ottawa, what do we talk about? We talk about the weather, the Senators and rising gas prices. Well, there's already Web sites about the weather and the hockey team, so I decided to dedicate a Web site to gas prices."

Gower asked his friend Derek Tam, a computer science major at Carleton, if he knew how to design a program that could distinguish between the best and worst gas prices in the city.

"He called me back at the end of the weekend and said it was done."

OttawaGasPrices.com is automatically updated when users submit, via e-mail, prices they see in the city.

In October alone, *OttawaGasPrices.com* got about 130,000 hits.

How does Gower juggle it all?

"Time management," he says. He estimates that *OttawaStart.com* takes an hour a day, while *OttawaGasPrices.com* is fairly self-sufficient.

"It's ideal for students."

He says Carleton's journalism program has played a role in his success. Many of the stories he writes for his courses lead to ideas and contacts for *OttawaStart.com*.

Another rising high-tech entrepreneur at Carleton is film-studies major Jonathan Cianiullo. Last January, Cianiullo decided 20-somethings need a Web site about the latest trends. He called it *NextHype.com*.

At first, he thought the site would focus on new technology gadgets. But then he decided to take "a more global approach." He re-organized the Web site into four categories — vitality, style, money, and play — with articles, chat boards and surveys for high school and university students.

NextHype.com is a trendspotter, says Cianiullo. Businesses are always trying to define the spending preferences of today's youth. The site can provide that, he says.

Initially, start-up money came from friends and family. Since then the company has generated investors who are attracted to its media-savviness. "Getting money has never been a problem," he says. "It's finding the right people to actually do the work." At



Jonathan Cianiullo

any given time, Cianciullo says, the company employs 10 to 17 people.

Right now, investors and contributors are being paid with company shares.

Cianciullo's next project is Web TV, where he hopes to incorporate the skills he learned in film studies at Carleton.

"Up Till Dawn," is a comedy/drama series that will air exclusively on the Web. The show is set in a fraternity house in New York State.

The idea, he says, is to "generate a cult following" where users "can watch the 20-minute episodes during their lunch break."

Cianciullo will shoot the two episodes over five days in December. He says he's used to a rigorous schedule.

"I work really strange hours. I'll come home at two o'clock in the morning and do a bit of work... whenever I get the creative drive. I work really, really fast."

West coast DJ queen wins entrepreneur award

By Corinne Smith

Linda Enos, BJ/90, has worn many hats in her 38 years. But her favourite is the headphones she now wears to work.

"Music has always been my first passion," says Enos, who has dabbled in the music business for several years, freelancing as a mobile disc jockey on the west coast, in Ottawa and Australia. She has played music for birthdays, bar mitzvahs, weddings, Halloween parties and office functions.

With \$10,500 in start-up capital through Carleton's Wesley Nicol

Business Plan Competition, Enos has transformed this passion into a thriving enterprise. Since receiving the award last June, Enos has wasted no time in building two businesses offering mobile disc jockey services.

She designed a Web site for disc jockeys, www.partycentralservices.com, which offers a comprehensive listing of mobile disc jockeys across Canada. A sparkling disco ball and "your one-stop party shop" slogan greet visitors to the home page. Disc jockeys nation-wide can link their Web page to Enos's site. So far, disc jockeys from 18 Canadian cities have registered.

Within a month of launching the Web site, Enos took over a contract from a retiring DJ who worked exclusively and profitably at Newlands, a private golf and country club in her area. She secured a loan through the Women's Enterprise Society of B.C., and now has six DJs working for her, and is booked right up to Sept. 2001.

"You get an adrenaline rush...when you love what you are doing" says Enos, who juggles both businesses from her Vancouver area home.

Enos says her journalism degree has proven valuable in her career. In addition to writing and designing her own promotional material, Enos sold an article to *Today's Bride*, a Canadian magazine, and has completed a book manuscript (unpublished).

On any given spring or summer weekend, Enos and her DJs will play music at four to eight weddings. Enos consults with the bride and groom well in advance to discuss musical preferences and allow for time to track down unusual requests.

"You'll never find one type of music on my CD player," says Enos. She listens to everything from "classic rock to country."

Enos says when working night gigs it's easy to "catch the energy of the crowd." She loves to dance, and prefers standing when she's spinning discs so she can "bop around."

"I couldn't imagine doing anything else at this moment in my life."



Linda Enos

For information on the Wesley Nicol Business Plan Competition, go to http://www.business.carleton.ca/nicol_competition/.

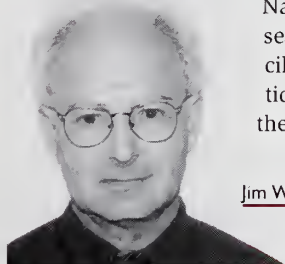
Research team turns back time

Carleton chemistry professor Jim Wright and his research team have received more than \$400,000 in NSERC funding to examine the anti-aging effects of synthetic antioxidants.

Wright's group will design new antioxidants which will be tested in mouse cells and, eventually, in live rats. Antioxidants are thought to assist in slowing down the effects of aging by fighting the "free radicals," harmful molecular structures that can damage proteins, DNA, and cell membranes. The body has a natural defense system in place to combat the effects of this barrage, but as people grow older, these defense mechanisms become less efficient.

Aging is a big concern these days, especially among the baby boom generation, as the average age of Canadian citizens is increasing.

The \$413,360 strategic project grant from the Natural Sciences and Engineering Research Council will be spread over the next three years. Six scientists — three from Carleton and one each from the University of Ottawa, Mount Allison University and the National Research Council — are participating in the project.



Jim Wright

At the podium

A brand new mom and an award-winning engineering grad were among the 745 alumni to have degrees conferred at Carleton's 115th convocation. The annual fall ceremony took place Sunday, Nov. 12, 2000.

Kelly Binder received her master of arts degree in psychology, on stage in the opera of the National Arts Centre, accompanied by her two-week old daughter Kayla.

Jennifer Armstrong, this year's Senate medal winner at the graduate level in civil engineering, was recently selected as a recipient of the Ontario Ministry of the Environment's Award of Excellence 2000 (Anti-Smog Transportation Initiative: Research). She is employed by Morrison Hershfield, a consulting engineering company based in Ottawa.

Canadian businessman Derek Burney, O.C., President of CAE Inc., received a doctor of laws, honoris causa, in recognition of a distinguished career in the public service and in business. The Honourable Madam Justice Louise Arbour was given an honorary doctor of laws in recognition of her outstanding contributions in the Canadian and international justice systems.



Kelly Binder



Jennifer Armstrong

Convocation Photos: Mike Pinder

For more convocation stories go to:
www.carleton.ca/duc/tic/00/nov6/

Job search launched for senior vice-president post

Carleton has launched a national search for a candidate to fill a newly-created position of vice-president (advancement) at the university.

The senior administrative post was approved by the executive of the Carleton University Board of Governors at its December meeting.

The portfolio will include communications and marketing, fundraising, alumni relations and government relations.

President Richard Van Loon says the position was established in order for Carleton to enhance its external reputation. While Carleton has raised its profile in recent years, he says the university still hasn't got a defined image outside the local market.

"If Carleton is to become recognized as a top-ranked Canadian institution with an international reputation in our areas of specialization much further work is required," says Van Loon. "This

requires that we develop a clear, succinct and meaningful identity and promote it energetically. There is no other way to improve our reputation and raise our profile... both of those things are necessary if we are going to attract the top quality faculty and the highest caliber of students, and continue to attract donations and outside support."

A joint Board-Senate consultative selection committee will make a recommendation by the end of February.



CKCU celebrates 25 years on the airwaves

By James Hale

It says a lot about the enduring power of CKCU-FM that I can still recall my first visit to the fifth floor of the University Centre one fall afternoon in 1977.

I was working at a local arts magazine and had to show a proof of a CKCU ad to someone at the station. While I waited in the office, I was struck by

what can only be described as a sense of community.

A year later, and for the following eight years, I was in the centre of that community. CKCU was my second home. In addition to logging as many as 12 hours a week on air as a volunteer announcer, I spent more time hanging out, talking about music, listening, and cultivating a couple of love affairs and dozens of friendships. In many ways, CKCU was my family.

My story is little different from that of many others who have been involved with the station since 93.1 FM first went on the air Nov. 14, 1975. This says a lot about what CKCU has accomplished during the past 25 years.

Whether people put in time as a volunteer, tuned in as a student or didn't discover the station until after graduation, few who spent any time with the station could escape being drawn in to its unique communal spirit.

"In many ways, CKCU embodies a kind of romantic view of what radio can be," says Stephen Neale, chair of the station's board of directors. "It all comes down to access; that place where different groups in the community come together, or where an artist who doesn't have a big corporate machine behind them can get their music heard. CKCU provides access to the airwaves."

As the region's cultural mosaic has become more diverse over the past quarter-century, CKCU's role as a venue for different ethnic, religious, political, social and musical beliefs has grown.

Although its 25 years have been marked by a number of personnel, administrative and financial crises, the station's evolution from idealistic post-hippie haven to cultural institution hasn't wavered too far off course.

"When I look at you all tonight, I am incredibly proud of what we achieved," said Randy Williams, CKCU's first station manager, as he surveyed the crowd gathered last fall at Oliver's to celebrate 25 years on the airwaves.

James Hale, BA/77, is a communications consultant and freelance writer based in Ottawa.



Approximately 200 alumni and friends celebrated CKCU's 25th anniversary at a party held last fall. From left to right are members of the original CKCU executive (staff) from 1975 when the station first got its FM broadcast license: Mike Giunta, Mitch Beaudoin, Rob Braide, Craig Mackie, Sheryl Bennit-Wilson, Al Thaw, Chris Henry, Randy Williams, Paul Munson, Bill St.Arnaud and Eric Dormer.

Carleton's first year class the brightest ever

By Janice Manchee

Carleton's entrance average has climbed above 80 percent for the first time in the school's history.

The average entering grade for the class of 2000 in all programs is 80.1 percent. That's up from 78.7 percent in 1999. The calculation is based on all incoming high school students' marks from Ontario and across Canada.

Susan Gottheil, Assistant Vice-President, Enrolment Management, says boosting the entrance average is one of three strategic goals her department has achieved this year.

"One was to increase the number of first-year students, in other words turn around the decline we'd seen in the early to mid-1990s," she says. "Secondly, we've been able to raise the quality of first-year students coming to Carleton. That's reflected by the entrance average and the increased number of entrance scholarship recipients. Thirdly, we have been able to dramatically improve our retention rates for undergraduates."

Gottheil says these milestones have not been achieved at the expense of accessibility.

"We're proud that we've maintained our reputation of being an accessible university for students who might not have been accepted to other universities," she says.

Those students who don't make the grade — approximately 150 each year — are offered academic support through Carleton's Enriched Support Program in the Centre for Initiatives in Education. They are given guidance and support and if they achieve the necessary grade point average they are eligible for acceptance into full-time study in most degree programs at Carleton.

Gearing up for a banner year

\$9-million software package purchased

By Sam Singh

May could mark the start of a "banner" year for Carleton students. That's when the first phase of Campus Pipeline, a software product designed for the Internet, is expected to be installed.

Campus Pipeline is a new Web-based portal designed to showcase all of the university's services in one location. Students will be able to apply for admission, register for classes, discuss course material in chat rooms, send e-mail, get their grades, order textbooks and transcripts and even book interviews with career placement centres. Faculty will be able to hold on-line office hours and post course information on the Internet. Alumni can stay permanently in touch with lifetime e-mail services.

Campus Pipeline is a product bought to complement the Banner 2000 operating system. The Banner software package was purchased from Systems and Computer Technology Corporation for \$9 million last October. It will replace Carleton's current CP-6 operating system that has been in use since 1983.

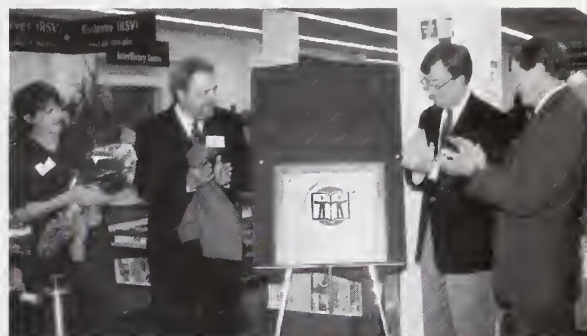
The Banner package contains administrative software for university admissions, finance, financial aid, human resources and other services. Campus Pipeline is the user-friendly interface for the system. It will serve as a campus

"Intranet" for students, faculty and staff, as well as introduce alumni and visitors to Carleton in cyberspace.

Banner is being installed in stages and it is expected the entire system will be fully functional by December 2003. Banner Student and Banner Human Resources are the two most complex programs, and may take up to two-and-a-half years to implement, whereas Development and Alumni, and Finance will be launched this spring.

Joanne Sevigny, the process team leader for Development and Alumni, says, "Banner is a relational database that will allow us to carry out our motto of informing and involving our alumni and donors." The system will not just crunch numbers, she says, but will allow the department to better get to know alumni by keeping track of who goes to reunions, who wins alumni awards and who is involved in mentoring and student co-op programs.

More than 30 post-secondary institutions in Canada are using Banner, including McGill and Wilfrid Laurier. Campus Pipeline was created two years ago in the U.S., and is already being used on over 65 campuses across North America.



To mark the launch of the Carleton University Library Circle of Friends, a plaque donated by Ferano Construction Ltd. was unveiled. From left to right: Dorothy Rogers, Gifts, Library; Martin Foss, University Librarian; Jim Watson, BA/83, honorary chairman, and Arthur Collin, chair of the executive committee.

A little help from its friends

The escalating cost of books and research materials has prompted Carleton's Maxwell MacOdrum Library to look for a little help from its friends.

On Oct. 5, a group of community members, alumni, students, staff and faculty launched the Carleton University Library Circle of Friends, a volunteer organization which will work to enhance the library collection, encourage gifts and promote excellence in research and education.

With spiraling publication costs and the low purchasing power of the Canadian dollar "the library needs friends today more than any other time in its history," says University Librarian Martin Foss. "If the University is to attract the best researchers, faculty and students, then its library must provide excellent research materials."

Foss says the cost of these materials has increased far beyond the consumer price index. A journal title that cost \$100 in 1989 would, on average, cost \$348 in 1999. In the last decade the library has had to cancel nearly \$1.5 million in journal subscriptions, while struggling to maintain book collections and to invest modestly in electronic resources.

For more information about membership in the Circle of Friends contact: www.library.carleton.ca/friends or circle_of_friends@library.carleton.ca.

Honorary degree nominations

The Senate Honorary Degree Committee is inviting nominations from members of the Carleton University community for the awarding of honorary degrees at the 2001 and subsequent convocations.

In preparing its recommendations to Senate, the committee will consider merit based on the following criteria: a distinguished contribution to the Ottawa community, Canada or the world in the arts and sciences, the professions, the private sector, public service or humanitarian endeavours, or a notable association with, and/or service to, Carleton University.

Nominations should be forwarded to **The Clerk of Senate, Secretary, Honorary Degree Committee, Room 607, Robertson Hall, Carleton University, 1125 Colonel By Drive, Ottawa, ON K1S 5B6**

Full details can be found at: <http://www.carleton.ca/senate/hondegh.html>

Pavilion named after prominent architecture grad

Carleton University's new four-level teaching pavilion complex scheduled to open in 2002 will serve as a new visual focal point for the university.

The David J. Azrieli Pavilion will be located adjacent to the university quad at the north end of the Tory building, between the base of the Dunton Tower and the University Centre. Construction on the \$14-million project will begin in July 2001.

David Azrieli

The classroom pavilion is named after internationally acclaimed designer and developer David Azrieli, C.M., C.Q., MArch/97. Approximately \$1.7 million of a recent \$2.7 million gift from Azrieli will be used toward the construction of the new classroom complex. The remainder of the funds earmarked for the building project were secured through the Canada Foundation for Innovation and Ontario's SuperBuild infrastructure grant program.

The pavilion will provide a new home for the School of Architecture's graduate program. Another wing of the building will house advanced high-tech laboratories for a new program in information technology to be launched

in 2002 as a joint undergraduate degree/diploma program with Algonquin College. The complex will also provide space for the National Capital Institute of Telecommunications. The new space will include four large lecture halls, general purpose classrooms, seminar rooms, architecture studios, computer labs and offices, student study areas and workrooms.

The complex is being designed by Barry J. Hobin and Associates, an Ottawa architecture firm owned by Carleton alumnus Barry Hobin, BArch/74. Hobin, who also designed the university's daycare centre, is the first graduate to design a building on campus.

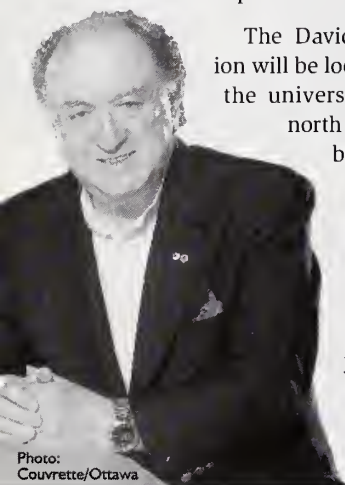


Photo: Couvrette/Ottawa

Great things are starting here Carleton launches Startup Central Web site portal

By Jason Fekete

Luc Lalande has inspired a special connection between thousands of Carleton students and more than 100 high-tech companies in the Ottawa region. And he does it through cyberspace. Lalande, 38, Director of Technology and Research Development at Carleton, decided six months ago students and faculty needed access to a listing of high-tech startup companies. The result is Carleton's new startups portal.

The site went live Oct. 25 on Carleton's home page, www.carleton.ca. The portal provides company profiles, information about the sectors they are in, where they are located, and tidbits of information about each company. The primary focus of the portal is to help students find jobs by giving them direct links to companies and career sites.

"We want the startups to connect with Carleton and I think the best bridge to connect is with the students," says Lalande.

The 130 companies are divided into five sectors: communications technology, Internet, optical and semi-conductor, software, and agrifood/life sciences. The site gives direct links to high-tech companies, but Lalande says students, alumni and faculty from all disciplines will find it useful.

"It's not just for techies," he says. "These companies are looking for people with humanities backgrounds as well for all sorts of jobs."

The portal was launched in conjunction with the Carleton University Startup Day held Oct. 27. Various startups held presentations to inform students about their companies and to generate feedback from students on where they think the high-tech sector is heading.

The Startup portal is already a success. Lalande plans to add 30 new companies to the existing list. More than 4,000 students visited the Web site in its first three weeks of operation, putting it in the top five percent of all Carleton Web pages.

On Campus Online



- Carleton's new sonic design diploma mixes creativity, sound and computer applications in a program that's job-market oriented. Find out more about this five-credit diploma.
- The Carleton University Choir earned a standing ovation for its recent performance of Bach's *Mass in B minor*. Read how these talented amateurs are making magic on stage.
- A leading high-tech company has found an innovative way to make itself better known to students. Discover how the Nortel Networks Case Competition adds up to good publicity for Carleton and Nortel.
- The explosion of online galleries has made it possible for patrons to look at, buy, or sell art from the comfort of their own computers. Read how these Carleton artists are using the Internet to market their art.
- Zoom media brings electronic ads to Carleton's washrooms. Find out what's new in the loo.
- A senior policy analyst at the university's Centre for Trade Policy and Law says the government should adopt more liberal regulations on e-commerce. Find out why.

To access these stories, visit us online at:
www.magazine.carleton.ca

STAYING IN TOUCH Homecoming 2000

More than 1,000 alumni and friends from around the world joined in a three-day extravaganza of events in Ottawa during Homecoming 2000, Oct. 13-15. Carleton's 19th annual weekend celebration featured an exciting mix of social, academic and athletic events.



▲ A highlight for sports fans was the 11th annual House-Laughton Hoops Classic. The three day tournament featured four top CIAU teams. The Alberta Golden Bears won the tournament, defeating the Ravens 69-67 in a thrilling finish. Bob Laughton, left, and George House present a tournament AllStar award to Ravensophomore Paul Larmand.



Photo: Mike Pinder

▲ To mark the establishment of the Carty Chair in Business and Financial Journalism, leading Canadian media experts were on campus to discuss their views on the future of business reporting in Canada. From left: Joe Chidley, Editor, *Canadian Business Magazine*; moderator Jane Gilbert, BJ/80, Producer/Host, *Discovery Channel*; Doug Goold, Editor, *Globe and Mail Report on Business Magazine*; Havard Gould, BJ/80, Reporter, *Venture*, CBC-TV; and Terence Corcoran, BJ/73, Editor-in-Chief, *The Financial Post*.



Photo: Mike Pinder

▲ Bernard Poirier, President of Reader's Digest Canada, with Chris Dornan, Director, School of Journalism and Communication, at the ribbon-cutting ceremony for the naming of the resource centre in the school.



Photo: Mike Pinder

▲ A celebration brunch was held in the Kroeger College of Public Affairs to unveil a donor recognition wall commissioned by Ottawa artist Fran Farquhar. The event marked the successful conclusion of a \$2-million fund-raising campaign for the college.

Guests included, from left: George Anderson, Chair, Fundraising Steering Committee; Richard Van Loon, President; David Dodge, Deputy Minister, Health Canada; Eileen Saunders, Director, Arthur Kroeger College of Public Affairs; Ray Mowling, President, Monsanto Canada; The Hon. Gordon Robertson, former Carleton Chancellor; Marc Andre Charlebois; and Chancellor Arthur Kroeger.



▲ St. Patrick's College celebrated a special reunion in Ottawa featuring a meet and greet night, a gala dinner and dance and a Sunday brunch. Hundred's of St. Pat's grads and former students attended.



Limited copies of the St. Patrick's College Reunion-2000 video are available. Contact CineReal Pro-Video Productions by phone at (613) 798-8150 or by email at video@cinereal.com.

Nostalgia and tradition prevailed at various reunion parties, including the 3rd annual Chancellor's Dinner for 1942-1970 grads hosted by Carleton Chancellor Arthur Kroeger.



Photo: Mike Pinder

▲ The "Boys of Commerce," a tight-knit group of class of '65 graduates from Carleton's School of Business, gathered in Ottawa at a Homecoming reunion to share memories and trade stories of their days at Carleton.



Photo: Dana Skukauskas

Thank you to our sponsors:
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The New RO

**Mark Oct. 12-14, 2001
in your calendar for
Homecoming 2001.**

World wide recruiting blitz

By John Corker

Marc Lanthier lived out of his suitcase for seven weeks last fall, hopping all over Asia to tell international students about Carleton University.



Marc Lanthier

The director of international recruiting visited more than a dozen major cities in China, Japan, Korea, Taiwan, Vietnam and Thailand. He attended education fairs, universities and high schools. He fielded questions from students, met with guidance counselors and parents, educational organizations and agencies, and even spoke with Vietnam's Deputy Director for the office of the Ministry of Education.

"We try to cover as much ground as possible. It's a grueling schedule," Lanthier says. "Security, immigration, immigration, security...it can be a drag going from one country to another. But I truly believe it's worth it."

The main purpose of the 'round-the-world recruiting

blitz was to sell Carleton to the international community. He says students abroad view Carleton as a leader in information technology and are well aware that Ottawa is the high-tech capital of Canada, as well as the country's capital city.

"When a student can choose any university in the world and he or she chooses

Parting Words Alumni Association prez steps down

When I left Carleton in 1992 to head west, I thought that would be the last time I'd see the university and many of my fellow classmates. But three years later I was invited to attend an alumni event in Vancouver to "meet old friends and network with other Carleton grads." That fateful event led to a five-year reign of volunteer service with the Carleton University Alumni Association (CUAA).

Early on, the Association's volunteer executive could have fit into a Volkswagen Beetle. Today, the organization has grown to include a network of 13 branches and 18 chapters serving over 84,000 graduates around the world.

In my early days as a volunteer on the National Alumni Council, the focus was to bring alumni back to the Carleton community. Activities consisted of events where alumni could network and socialize.

The result of this "friend raising" is evident today. Carleton graduates are very supportive of their university, from providing advice on President's Advisory Councils to writing for the university's alumni magazine to donating hours of volunteer time and creating awards to honour and promote our graduates and students. Graduates are well represented on the Board of Governors and in the Senate. And the commitment to the university continues to grow.

Carleton, it says a lot about our reputation," he says.

It is also important to have students from various cultures attending the university, he says. "It adds to the richness of learning."

And as globalization continues to play an increasing role in education, it's critical for universities to build a world wide alumni network. In fact, Lanthier

In the annual *Maclean's* magazine university rankings, Carleton consistently places in the top three spots nationally for alumni support to the university.



Jennifer Higgins-Ingham

We have also come a long way in our ability to connect graduates from all over the world. Alumni can now visit the university online at the Carleton Café Web site, www.carleton.ca/alumni. Volunteers can sign on as mentors, get involved in the Association, help out with student recruitment and more through our online volunteer program called PATRON (Putting Alumni Talents and Resources ONline.)

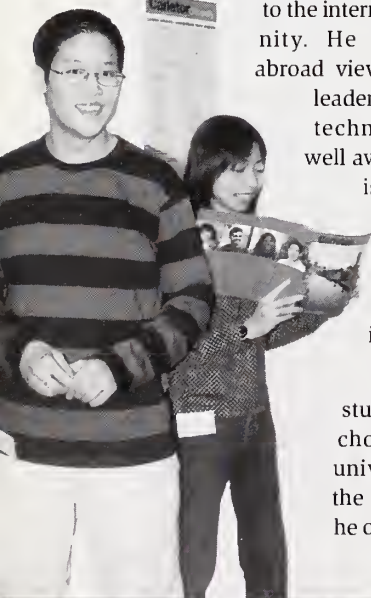
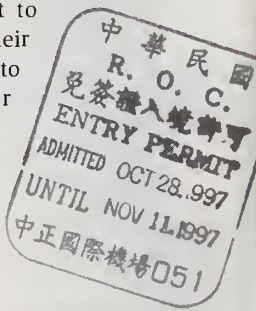
The Association now offers more services than ever before to alumni. With money raised from our affinity programs, the Association this year is supporting a new campus beautification project to benefit Carleton students and future graduates. We've also revised the constitution to allow all alumni members for the first time to vote in the election of national executive members.

My years as a Carleton student were filled with many wonderful memories. Yet the life long friendships and experiences I have developed as a CUAA volunteer are extraordinary. Giving back to a great alma mater really fills one with a sense of pride. Enjoy the privilege of being a Carleton graduate and stay in touch!

Jennifer Higgins-Ingham, BA/89, BAHons/92
President, Carleton University Alumni Association

made an effort to contact several Carleton alumni living abroad to assist him with his recruiting efforts.

"Alumni want to help us make their university known to students in their country," he says. "All of them have such fondness for the university."



Cruise Greece

Travel with Carleton University Alumni on a Greek Cruise with the Carleton University Alumni Association and Canadian Travel Abroad Ltd.

September 25 to October 6, 2001

Explore Athens, Rhodes, Santorini, Kusadasi more
Most meals, sightseeing, airfare, accommodation included

Contact Ian McIsaac at 800-336-7273
Or Gary Shaver at Carleton University Alumni Services
At 613-520-2600 Ext. 8906

CALL FOR NOMINATIONS

The Carleton University Alumni Association is accepting nominations for:

Alumni of the Year Award

(deadline April 30, 2001)

given annually, when merited, to a graduate of Carleton University in recognition of a significant contribution to alumni affairs/activities.

Entrepreneur of the Year Award

(deadline April 30, 2001)

given annually, when merited, to a graduate of Carleton University in recognition of outstanding entrepreneurial achievement in any field of endeavour.

Founder's Award

(deadline March 30, 2001)

given annually, when merited, to recognize and pay tribute to an individual who has made a significant contribution to the values of the university.

A.D. Dunton Alumni Award

(deadline April 30, 2001)

given annually, when merited, to a graduate in recognition of outstanding achievement or contribution in any field of endeavour.

Please use our official Nominations Form to submit nominations. Forms are available by calling toll-free at 1-800-461-8972 or from our Web site at www.magazine.carleton.ca



For more information please contact:
Gary Shaver, Assistant Director, Alumni
1-613-520-2600 ext. 8906
gary_shaver@carleton.ca

With the support of the Carleton University Alumni Association, a wide range of special Perks are offered exclusively to you. Should you wish to have your name removed from our affinity services mailing list, contact the Department of Development and Alumni Services at devalum@carleton.ca or by calling 1-800-461-8972.

See what Perks are available at <http://alumni.carleton.ca/café/perks.cfm>



Local architect lauded

Barry Hobin, BArch/74, has won dozens of awards nationally, provincially and locally for his signature designs. The president of Barry J. Hobin and Associates has built a reputation as one of Canada's prominent architects since launching his Ottawa firm in 1979.

Yet Hobin was visibly moved when he accepted the 2000 A.D. Dunton Alumni Award award on Dec. 8 from Carleton University. Fighting back tears before a large audience at the Ottawa Congress Centre, he paid tribute to his family and his community for his personal success.

"This is truly an unusual honour," said Hobin, a former Carleton Ravens football player. "We really focus on individual achievement in our society. Today I stand here as a person in context. I'm a son, a husband, a father, a teammate, a friend . . . each relationship has shaped who I am."

Hobin credited his late father for inspiring him to attend Carleton. The senior Hobin enrolled in the arts program at Carleton while his son was still in high school, graduating in 1981 at the age of 65. Hobin's daughter Corrie is now following her grandfather's footsteps studying religion in the Faculty of Arts and Social Sciences at Carleton.

Hobin will soon leave a permanent stamp on his alma mater. He has been entrusted to design the university's new David Azrieli Pavilion that is scheduled to open in 2002. The building will provide much needed classroom space as well as a new home for the School of Architecture's graduate program.

"A sign of our real respect for you is that we do not cease to set architectural challenges for you," said Gulzar Haider, Director of the School of Architecture, in a tribute to Hobin. "The future generation of bright students will continue the critical discourse in and around your architecture. You make us proud."

The A.D. Dunton Alumni Award is named in memory of Carleton's fourth president who served the university from 1958-1972. The award is Carleton's most prestigious alumni honour and is given annually by the Carleton University Alumni Association to a graduate of the University "in recognition of outstanding achievement or contribution in any field of endeavor."

Photo: Mike Pinder



Ottawa architect Barry Hobin, recipient of the 2000 A.D. Dunton Alumni Award.

Election call

Alumni go to the polls to elect new executive

Carleton's Alumni Association is calling on its 84,000-plus members to go to the polls and cast their votes in the first ever open election format. Of the six positions open for nomination, four have been acclaimed:

- President:
Gerard Buss, BA/73
- Vice-President, Chapters:
Jane Gilbert, BJ/80
- Vice-President, Branches:
Micheline McKay, BA Hons/83
- Chair, Homecoming Committee:
Joe Belfontaine, BA/00

An election will be held this spring to decide who will fill the seats for the following positions:

- Chair, Affinity Services
- Chair, Editorial Advisory Committee

Please fill out these ballots, and return them by March 31, 2000, to:

Carleton University Alumni Association Election 2001
510 Robertson Hall
1125 Colonel By Drive
Ottawa, ON K1S 5B6

Fax: (613) 520-3587

To vote **online**, visit:
www.magazine.carleton.ca

Chair, Affinity Services

- ☐ Mike Colledge
☐ Sandro Ricciuti

Name: _____
Alumni I.D. _____

Editorial Advisory Committee

- ☐ Ryan Ward
☐ Alexander Wooley

Name: _____
Alumni I.D. _____

Candidate Profiles



NAME: Mike Colledge

DEGREE: BA/86
(mass communications)

JOB TITLE: Senior Vice-President, Public Affairs, Ipsos-Reid Group

RELATED EXPERIENCE: "I have more than 14 years of experience in all facets of public and client communications. The focus of my work at Ipsos-Reid involves public policy and communications research. I also have previous experience working in both social and economic portfolios of the federal government."

DESIRE TO SERVE: "I have benefitted greatly from my experiences at Carleton. Much of my career has been built on the knowledge base and the skills I learned there. Today, many of my closest friends are the people I met while attending Carleton in the 1980s. I feel it is time that I begin to give something back. I see the position of Chair, Affinity Services, as an opportunity to do just that. I hope I will be able to make a small but positive contribution to both to the Alumni Association and the university."



NAME: Ryan Ward

DEGREE: BA/99
(history and political science)

JOB TITLE: Individual Services Agent, Canada Customs and Revenue Agency

RELATED EXPERIENCE: "As a member of the campus media I wrote articles, served as editor and did production work for *The Charlatan*, *The Resin*, *This Week at Carleton* and *This is Carleton* newspapers. I continue to be involved in the media as a graduate and instructor at the National Institute of Broadcasting and as host and program supervisor for our Internet radio station, www.mediatalks.com. In 1999 I contributed an article about Carleton to the *Students' Guide to Canadian Universities* and am now working on two other publications, *The Truly Canadian Experience Cookbook* and *A History of Barrie*."

DESIRE TO SERVE: "When I first came to Carleton University, I decided to do more than just complete my degree. It was a world that encompassed so many activities to take part in, political and academic positions to run for, and various achievements to strive for. When I graduated, I decided I'd like to take part in our Alumni Association, so I became a member of the Toronto chapter and decided I'd like to run for the position of Chair, Editorial Advisory Committee."



NAME: Sandro Ricciuti

DEGREE: BA/94
(law and political science)

JOB TITLE: Registered Plans Analyst, Canada Customs and Revenue Agency

RELATED EXPERIENCE: "I have an understanding of the political arena that surrounds the school and the Ottawa area. This knowledge was developed with the experience I have amassed via my involvements in the federal, provincial and municipal governments through employment and volunteer activities. I take a keen interest and place a great deal of effort and pride in all challenges that I encounter. I know that I can do a great job as Chair, Affinity Services, not only because I am a team player and I have gained the knowledge required to perform the tasks but because I have the desire."

DESIRE TO SERVE: "I would like to take this opportunity to help alumni who live across the country and around the world reconnect with Carleton and reap the benefits of all of the services and activities that are available to them. I would like to do whatever I can to give something back to a school that taught me a great deal and most importantly introduced me to friendships I never thought possible."



NAME: Alexander Wooley

DEGREE: BA/89 (history)

JOB TITLE: Manager, Media Relations/Public Affairs, University of Guelph

RELATED EXPERIENCE: "Since 1993 I have been a regular supporter of Carleton alumni functions in Toronto and have contributed occasional articles to *Carleton University Magazine* as a freelance writer. For the last two years I have been a member-at-large on the Editorial Advisory Committee, advising the editor on editorial and art direction as well as writing stories and proofreading copy. I believe I have an understanding of the vision of the magazine as well as the strategic directions and priorities of the university as a whole."

DESIRE TO SERVE: "Carleton is still a young university, with a significant portion of our alumni only now in the most rewarding portions of their careers and family lives. These graduates are poised to play an increasing role in Carleton's success as an academic institution of the first order. Maintaining a relationship with this group will be critical, and can only be consistently and constantly achieved on a large scale with a quality publication like *Carleton University Magazine*."

Capital Campaign to top \$100 M

Carleton is making fundraising history with an unprecedented tally of \$96.5 million raised to date in its five-year Capital Campaign.

The campaign has far surpassed its ambitious \$50-million target and is expected to top \$100 million by late fall when the campaign concludes.

"This unprecedented support from our alumni, faculty, staff, and corporate and community supporters is a clear endorsement of Carleton's significant contributions to the Canadian workplace and Canadian society," says Susan Doyle, Assistant Vice-President, Development and Alumni. "Our alumni have been remarkably generous

because they feel that the university made such a difference in their lives and they

want to see the same benefits for current and future students."

The private donations are making a lasting impact on the university in the form of scholarships and bursaries, professorships and endowed chairs, new research laboratories, classroom equipment and technology upgrades.

Support has been particularly strong for faculties and schools. Special endowment funds have been established for the schools of journalism, business and architecture; the Kroeger College of Public Affairs; and the College of the Humanities and for each of Carleton's academic faculties. These endowments provide the university with annual income to support special initiatives and opportunities.

For more information on the Capital Campaign visit www.carleton.ca/alumni.

Invest in futures



Betty Campbell and her late husband Jack Fleming.

Betty Campbell knows that three things happen when you give a gift of securities such as stocks to Carleton University:

- You reduce the capital gains inclusion rate to 33 percent
- You receive a charitable donation receipt for the full market value of the gift
- You create opportunities for young people to benefit from an education at Carleton

Elizabeth "Betty" Campbell chose to establish a graduate scholarship with a gift of stock to honour her late husband Jack F. Fleming, BSc/49. She believes education is important. She also wanted to give to her husband's alma mater and support an area of interest to them both: the Department of Geography and Environmental Studies, in particular the field of geomatics.

Mitel funds Carleton's new eLab

Mitel Corporation has invested \$100,000 to support the creation of a new high-tech eLab in Carleton's School of Business, expected to open this winter.

The new teaching and research facility will be an integral part of the School's e-business curriculum preparing students for the new economy. Up to 30 undergraduate and graduate business courses will use the eLab as a teaching tool.

Located on the 17th floor of the Dunton Tower, the lab will be equipped with approximately 20 computer terminals loaded with state-of-the-art enterprise software. German high-tech company SAP has donated the SAP R/3 software system, which, including the training component, is worth \$1.5 million.

The software in the eLab will enable business students to simulate integrated company operations from customer transactions on the Web, to marketing, sales, production and project management.

Carleton supporter wins philanthropy award

Ottawa philanthropist E. Bower Carty has spent the better part of his life giving to others. At the sixth annual Ottawa-Carleton Philanthropy Awards dinner, on Nov. 22, Carty was honoured for being the "best kind of philanthropist."

The former public servant and longtime donor to Carleton University has supported student bursaries and academic projects for more than 30 years. He recently donated \$700,000 toward the establishment of Canada's first Chair

in Business and Financial Journalism to be housed in the School of Journalism and Communication. The university's Kroeger College of Public Affairs recently named the Carty Boardroom in his honour.

Carty also supports the United Way of Ottawa-Carleton, the Sisters of Charity, the Unitarian Service Committee, the Boy Scouts of Canada and the World Scouting Movement.



E. Bower Carty



Carleton
UNIVERSITY

For more information on how you can establish an endowed scholarship through a gift of stock contact:

Rowena Griffiths
Gift Planning Officer
Tel: (613) 520-2600 ext 2484
Fax: (613) 520-3587
rowena_griffiths@carleton.ca

Wired for business

The changing marketplace is fueling a major makeover of business education at Carleton.

The 52-year-old School of Business is gearing up to transform itself for the new economy with new course content, new labs and equipment, new faculty and a brash new image.

The goal, according to Director Vinod Kumar, is to create the "number one e-business school across Canada."



Photos: Mike Pinder

Members of the School of Business campaign steering committee.

To support this effort, the university launched a \$3-million fundraising campaign last October. As of December, the campaign had already surpassed the \$2.2 million mark with significant private and corporate donations.

"In my 17 years at Carleton I have never seen the environment at the School so upbeat," says Kumar. "...lots of successes, a number of projects in the pipeline, and optimism on the horizon...we are beyond \$2.2 million and starting to gain momentum. We're very optimistic that we'll surpass our goal by leaps and bounds."

Enviably performance

Carleton's School of Business has an enviable performance rating based on indicators such as professional examination scores, national business competitions, and job placement.

In the past four years, two graduates won the coveted gold medal in the Cana-

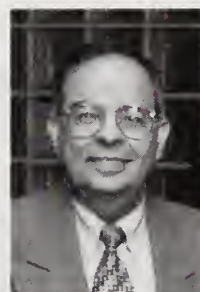
dian Institute of Chartered Accountants uniform final examination. One of the gold medal winners, Daniel Buchler, BCom/96, achieved a perfect score. Results for the CMA entrance examination for June 2000 show Carleton grads have the highest average — 78.6 per cent — among the 19 universities in the province. Last January, Carleton placed first in the finance category of the Intercollegiate Business Competition. It finished second in accounting and third in debating in last year's Nortel Case Competition. Carleton teams also took first prize in the Cargill IT Case Competition (USA), the National Bank Competition and the Celtic House Competition for 1999/2000.

The world of business is changing

While solid business skills in marketing and accounting remain critical, today's graduates need a competitive edge to succeed in an increasingly globalized marketplace.

So the School plans to adapt its curricula to integrate the use of enterprise systems — the backbone software of today's successful e-business education — into course material for all disciplines. Carleton plans to integrate the software into at least 10 first-year courses by the fall of 2001 and another 12 courses the following year. Nearly half of the 41 business schools in Canada are now using the enterprise wide software systems software. Only two or three schools however — including Carleton — are at an advanced stage of implementation.

"We are moving ahead at a rapid pace," says Kumar. "We want our stu-



Vinod Kumar

Carleton's response is nothing short of radical

The School of Business is adapting to meet the demands of the new economy. Here's how:

- Integrating information technology into the course material for all business disciplines.
- Building an eLab, a teaching and research facility to provide hands-on experience with leading e-business software.
- Developing new strategic partnerships with the business community to ensure the School meet the need for graduates and applied research.
- Hiring top faculty at a rapid pace — five positions hired over last two years — with expertise in information technology.
- Providing intensive retraining in e-business and the enterprise systems for current faculty members.
- Building case rooms and labs to simulate challenges students will face in the workplace.
- Increasing enrollment, especially in the information technology area.
- Creating an endowment to support future initiatives.

dents to be at the forefront of technology."

The software systems, available on a number of different platforms including SAP, Oracle and IBM, are designed to "break the barriers" between various functions of business.

"Rather than learning finance, accounting, marketing and operations separately, students will learn how the four functions connect to serve the customer," says Kumar. "That's how businesses operate today."

Excels in the global marketplace

Carleton's School of Business is setting a standard for global business education. It has set up partnerships with 24 institutions in 12 countries across the globe including a successful management education program with the University of Havana in Cuba and a master of management studies program in Iran.

This June, the fourth graduating class from the specialized Bachelor of International Business (BIB) program will receive their degrees. Two hundred students are currently enrolled in the four-year BIB program which offers intensive language training and international exchanges in the third year of study. Each year between 55 and 60 students travel abroad or visit Carleton on foreign exchanges.

Colin MacDougall, a fourth-year BIB student who studied in France last year, says the foreign exchange option was what attracted him to the BIB program.

"It was incredible," he says. "I feel I learned a lot in school but the real learning was living as a student in another country. It helps make you a well-rounded individual."

MacDougall, one of 18 Canadian university students to win a \$3,000 international studies scholarship last fall from the Export Development Corporation, says his international experience was "an extra bonus" that will boost his career opportunities in business.

Spreading the news

In addition to raising funds, adapting its curriculum and hiring top faculty, the School of Business is making an effort to increase its external profile.

To help spread the word in the business community, the School has called on a roster of well-placed business graduates to form a steering committee. Headed by Eric Sprott, BCom/65, President of Sprott Securities in Toronto, the committee includes some of Canada's highest profile business and technology leaders. Members include Carleton graduates Jonathan Cunningham, Executive Managing Director, BMO Nesbitt Burns; Bruce Gordon, Senior Vice President, Manulife Financial; Andy Katz, President, Sky-point Capital Corporation; Bill Lawlor, Managing Partner - Tax, KPMG; Shirley Mears, Vice-President, Treasurer, Mitel Corporation and Kevin Higgins, President and CEO, CivicLife.com Inc.

Steering committee members are backing the School in a big way financially as well. Committee members have so far pledged in excess of \$1.3 million — including a leadership gift of \$1 million to the School from Sprott.

"I believe in Carleton as an important institution and one that deserves the financial support of those who benefited from the university," says Sprott. "Everyone is looking forward to a successful campaign."

Funds raised through the campaign will increase the visibility of the School and will give it the flexibility it needs to continue to create innovative and rel-

Pledging their support

- \$1 million Leadership Gift
Eric Sprott
- \$200,000 Endowment
Wes Nicol
- \$100,000
Mitel Corporation
- \$100,000
Sprott Securities Inc.
- \$525,000 Gift in Kind
Bridge Systems
- \$65,000
Manulife Financial
- \$1.3 million
Steering Committee Gifts Pledged
- \$52,000
Faculty and Staff Gifts Pledged
- \$18,000
Bill and June Joe

evant programs to meet the changing needs of business.

"The School has chosen a path of growth through which it will continue to provide leadership, to graduate Canada's future business leaders, and to play a pivotal role in the new economy," says Kumar. "The business leaders of Canada are behind us and that's really positive."

New campus trading room named after alumnus

By John Corker

The fast-paced world of Bay Street is coming to Carleton's campus in the form of an electronic trading room in the School of Business.

Expected to be completed by the summer, the 17th-floor lab in Dunton Tower will house three trading stations where pairs of students can create stock portfolios, study market trends and read news feeds from the global business community. The trading room will be particularly valuable to finance students, who will gain an understanding of international money markets, learn how to develop methodologies for trading and test them out risk-free. Students will be able to experience the vola-

tility of the real stock exchange without actually trading.

"The students will emulate what the real world is doing and the ease with which investors can trade," says Professor Michael McIntyre.

The electronic trading room will be named after commerce graduate Eric Sprott, head of Toronto-based Sprott Securities Inc. Sprott, who is chairing the fundraising steering committee for the School of Business, recently donated \$1 million to the campaign. Ten of his business partners donated an additional \$100,000 to honour Sprott and to help fund the construction of the trading room.

"We think it makes a lot of sense for the Canadian investment industry as a whole to give to an academic institution that is training young people to go into a dynamic market environment," says Scott Lamacroft, President at Sprott Securities Inc.

Bridge Systems Corp., a multi-national provider of financial information, will supply the technical equipment, valued at \$525,000, as a gift in kind to the university.

Eric Sprott



Rewarding public service

Microsoft Canada has joined four other leading corporate sponsors in supporting a new national awards program, launched last year by Carleton University's Kroeger College of Public Affairs.

The Kroeger College Awards recognize excellence in several categories of public affairs which contribute significantly to the vibrancy of Canadian democracy and society as a whole. Microsoft Canada has pledged \$45,000 to sponsor the Community Affairs and Citizenship Award.

"As a long-time supporter of communities across Canada, Microsoft Canada is delighted to support the Kroeger College's Community Affairs and Citizenship Award," says Michael Eisen, Director, Law and Corporate Affairs, Microsoft Canada Co. "We understand the important role companies and individuals can play in the improvement of our communities, and hope this award will recognize those who make a real contribution."

Other award categories include: Ethics, sponsored by the Ontario Securities Commission; Public Discourse, sponsored by the Gabor Group; Policy Leadership, sponsored by Monsanto Canada; and Management, sponsored by EDS Canada Inc.

The awards will be presented at the Arthur Kroeger College Leadership Forum on Feb. 8, 2001, at the Chateau Laurier Hotel in Ottawa.

For information go to: www.carleton.ca/akcollege/

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Support for the arts

Carleton to launch \$9-million fundraising campaign for the Faculty of Arts and Social Sciences

A drive to raise funds for the Faculty of Arts and Social Sciences (FASS) will be launched Feb. 20, 2001, in the Carleton University Art Gallery.

The \$9-million campaign will be led by Ottawa high-tech businessman John Millard who will chair the campaign steering committee.

"I have accepted this challenge for a few key reasons," says the former President and CEO of Mitel Corporation. "Throughout a varied career in business and education, I have noted the contributions of arts and social sciences to the workplace; I have long wanted to encourage debate and dialogue around the inter-relationships between technology and the arts; I believe in the value of arts and social sciences for the individual, the workplace and society in general; and I believe in the work that is being done at Carleton University."

The steering committee will hold its first official meeting on Feb. 20, followed by a reception on campus. The university will also announce in February the keynote speaker for the first Sun Life Financial Lecture Series to be held this spring. The annual lecture series was made possible through a \$100,000 donation to the campaign by Sun Life Financial.

"The establishment of the Sun Life Financial Lecture Series represents our expression of support toward higher education in this country", said Jim Prieur, President and Chief Operating Officer, Sun Life Financial Services of Canada Inc. "It will serve as a vehicle to promote the importance of the arts and social sciences, and provoke the discussion of critical issues and ideas."

This phase of the university's five-year Capital Campaign will focus on raising funds in support of the College of the Humanities endowment, chairs and professorships, student aid, projects within the university's Centre for Initiatives in Education and the establishment of a new Technology and Arts Institute. Approximately \$1.9 million has been raised to date.

The support of the university's 33,000 arts and social sciences alumni, faculty and staff and corporations will be critical to the success of the campaign," says Aviva Freedman, Dean of FASS.

"Our timing is perfect," she says. "We are beginning to hear statements from groups of business leaders and other prominent citizens attesting to their renewed recognition of the value of an education in the arts and social sciences. Now is the time to capitalize on those convictions and to work with our donors so that everyone can benefit."

**Arts & Social
Sciences
at Carleton**

'61

Donald Atwell, BCom/61, has been designated as a Fellow of the Institute of Chartered Accountants of Ontario, the highest designation the Institute confers for outstanding career achievements and service to the profession and the community. Donald resides in Windsor, Ontario.

'66

Catherine Mark, BA/66, and John Mark, BEng/66, are pleased to announce the arrival of their second granddaughter, Nami Kairyu, on August 19, 2000, in Tokyo, Japan. Catherine and John live in Mississauga, Ontario.

Keith Simpson, BAHons/66, is working in Clearwater, Florida, as district manager for Custom House Currency Exchange. Keith would be pleased to assist Florida residents or winter visitors with any of their foreign exchange requirements. He may be contacted by e-mail at: clearwater@customhouse.com.

'67

Jean McCloskey, BA/67 (St. Pats), was appointed High Commissioner to Malaysia. She joined the Public Service Commission in 1967.

'68

Terri Allister, BA/68, recently joined Investors Group as a financial advisor specializing in pre-retirement planning. She previously owned and operated Allister Buying Office, an independent buying agency based in Montreal. Terri would love to hear from friends and colleagues.

Bruce Huebener, BA/68, has been an instructor of social studies for the past 23 years at Alberta Vocational College, now known as Norquest College. He lives in Edmonton.

seventies

'73

Jason Moscovitz, BJ/73, was honoured for excellence in his profession with the establishment of a journalism scholarship in his name. Jason covers the national political scene for CBC Television's *The National* and hosts CBC Radio's *The House*. He is an award winning 26-year veteran of the public broadcaster. He resides in Ottawa.

'74

Daniel Savage, BA/74, has been head of systems and technical services at Cornwall Public Library in Cornwall, Ontario, since April 1998. He and his wife and their three children live on beautiful Loch Garry Lake, just south of Maxville, Ontario.

'75

Brian Mackey, BA/75, MA/83, is leaving political life after 12 years as a school board trustee and city councillor to join Armstrong & Quail Associates as an independent financial advisor. Brian is also a certified financial planner. He resides in Ottawa.

'77

Patricia Abbott, BA/77, recently completed a master's degree in voice performance and vocal pedagogy at McGill University. She continues to teach choral music as an artist-in-residence at FACE School in Montreal, where she has conducted the English Montreal School Board Chorale since 1990, and the Chorale du Gesu women's choir since 1982. Pat has been executive director of the Association of Canadian Choral Conductors since 1993. She lives in Blainville, Quebec, with her partner of 11 years, Michel Hanse. Pat would love to hear from friends at: accc@total.net.

Carol Laderoute (Rocheport), BA/77, is an analyst for Hewitt Associates, a human resources solutions company. Carol resides in Shanghai, People's Republic of China.

'79

Bill Arthur, BEng/79, has been named Gananoque's first town manager. He took office in October 2000. Bill previously served as the director of public works for the City of Kanata, Ontario.

Joe Holmes, BSc/79, BCom/82, and his wife **May (Holbein), BA/76, BCom/82**, both work for Statistics Canada in Ottawa. Joe is an IT project leader and May is an economist. They have two children, Sheila, 12, and David, 10. They can be reached at: Joe.Holmes@statcan.ca.

eighties

'80

Tad Homer-Dixon, BAHons/80, has recently published *The Ingenuity Gap*, about the problems facing global civilization such as global warming and Third World poverty. Tad lives in Toronto and is the director of the Peace and Conflict Studies program at the University of Toronto.

'81

Kathleen Gallichan, BA/81, has left her home in Tyrol, Austria, along with her job as purchaser of refractory metals and will be backpacking around the world for the next few months. Upon her return to Europe, she

plans to move to the Languedoc part of France with her Austrian husband. Friends can reach her at: vilser.wanderers@gmx.at.

'82

Marjan Glavac, MA/82, has recently published his latest book, *The Busy Educator's Guide to the World Wide Web*, 2nd edition, foreword by Dr. Harry Wong, author of *The First Days of School*. Marjan resides in London, Ontario.

Ernest Lyimo, BA/82, has retired from the Eastern and Southern African Management Institute in Arusha and now is public relations manager with the Institute of Finance Management in Dar es Salaam, Tanzania. His wife Grace continues to work with the American Peace Corps in Arusha. Their four boys are also in Arusha attending school.

John MacLeod, BCom/82, joined the founding management team of Skulogix Inc., one of Canada's hottest dot-coms in Toronto according to the *Globe and Mail*, as director of sales and merchandising in March 2000. Before joining Skulogix, John was a senior executive with the Hudson's Bay and T. Eaton companies. John can be reached at: jmacleod@skulogix.com.

Judith St. George, MA/82, was recently appointed Consul General in Ho Chi Minh City, Vietnam. Judith joined the Department of External Affairs in 1986 and served abroad as a trade commissioner in Minneapolis, Kuala Lumpur, and, since 1996, in Manila. In Ottawa, she has held a variety of positions, including Deputy Director, Export Finance, International Finance Division.

'83

Jim Cummings, BA/83, owns and operates Red Caddy, a marketing communications firm with a specialty in Web architecture. Red Caddy was recently voted best site by *Ottawa's Best Pages*. Jim also operates a second company, Cummings Mitchell, which does trade show marketing (exhibits and graphics). He lives in Ottawa.

Rowing and writing



Alison Korn, MJ/98, loves writing as much as she loves rowing. A bronze medal winner for Canada's women's eights rowing team at the 2000 Olympic Games in Sydney, Australia, Korn recently retold her victory story in a freelance article published in the *National Post*.

Summarizing her feelings of pride and accomplishment coupled with the inevitable need to reflect and ultimately focus on what matters most in any race, Korn proves that she is as good a writer as she is a rower.

Certainly the 30-year-old native of Ottawa is now more focused on her career than she was after her silver medal win for Canada's women's eights rowing in the 1996 Olympics.

That same year Korn served as a teaching assistant for Professor Lynne Van Luven's first year journalism class at Carleton while training and completing her master of journalism course work.

Later, after winning back-to-back world championships (1997 in France and 1998 in Germany) in women's pairs rowing with Winnipeg's Emma Robinson, Korn suffered a back injury. However, she continued to train full-time on land in preparation for the 2000 Olympics.

Korn has recently accepted a one-year internship at the *Ottawa Citizen* covering general reporting assignments.

"I'm really looking forward to starting my career and contributing to the paper," she says.



John J. McDonald III, MA/83, was appointed in July 2000 as regional president, sales, for Verizon Information Systems, a leading print and online directory and content provider of communications products and services. He previously served as vice-president, marketing, for GTE Directories Corporation. He

resides in Colleyville, Texas, with his wife, Joan, and their children, Andrew and Gillian.

'84

Marion Jane Boyce (Phillips), MA/84, delivered a paper entitled *Ruskin's work's 1847-1853, reinforce some of Charlotte Brontë's religious concepts*, at the John Ruskin: The Brantwood Years International Symposium in July 2000 at Lancaster University. She resides in Kent, England.

Sean Fine, BJ/84, was part of a team of journalists presented with the Media Award in November 2000 at the second annual Canadian Policy Research Awards in Ottawa. The award recognizes outstanding work in print and broadcast media that examines and analyzes public policy research in a Canadian context. A reporter with the *Globe and Mail* since 1985, Sean is currently an education reporter. He resides in Toronto.

Kenneth MacLeod, BCom/84, transferred from Halifax, Nova Scotia, to the Metcalfe Street offices of Ernst & Young LLP in his hometown of Ottawa in January 2000. He is senior manager of information systems assurance and advisory services. Kenneth,

his wife Madeleine De Wolfe and their three-year-old daughter, Eva Louise, and live in Ottawa.

Steve Proctor, BJ/84, was part of a team of reporters at the *Halifax Herald* who won the gold award for enterprise reporting at the recent Atlantic Journalism Awards. Steve also won an honorable mention for feature writing. He was also member of a reporting team that received the Justicia Award from the Canadian Bar Association and the Department of Justice for outstanding journalism, fostering awareness of the Canadian judicial system. He has been with the newspaper since 1985 and has served as Truro Bureau Chief for nine years. He lives in Truro, Nova Scotia.

'85

Mike Anderson, BA/85, co-owns Wineva Oak Communications, a Web design firm based in Toronto. The company specializes in Web site design for real estate professionals, as well as small to medium size businesses and non-profit organizations. The company grew from Mike's experience at the National Capital FreeNet where he was administrative coordinator and the Toronto Free-Net, where he served as executive director. He lives in Toronto.

'86

Gerhard Reichert, BID/86, was recently named vice-president of business development at Edgetech I.G. Inc. He and his partner, Michael Glover, founded the Ottawa-based company in 1985. It has since become a subsidiary of Lauren Manufacturing. Gerhard resides in New Philadelphia, Ohio, with his wife Gayle and their children Tanya, Andreas, and Tobias.

Monica Beauregard, BCom/86, has co-authored a book titled *Hiring, Managing and Keeping the Best: The Complete Canadian Guide for Employers*. Monica is vice-president of Bridgepoint Inc., a human resources consulting firm. She lives in Toronto.

Michael Makin, BJ/86, has been appointed chief operating officer of Printing Industries of America, Inc., effective January 15, 2001. He will oversee the day to day operations of the company's headquarters in Alexandria, Virginia. Michael previously was president of the Canadian Printing Industries Association. He is past president of the Carleton University Alumni Association and a former member of the university's Board of Governors and Senate.

'87

Steve Yaskell, BAHons/87, has co-authored a book titled *Cycles of the Sun: the Maunder's and the Maunder Minimum*, which is expected to be published in the summer of 2001. The subject is solar science and the history of science. Steve works as a communications and information technology specialist for Ericsson Radio Systems in Sweden. He is married to Ulla Dahlin Yaskell from Sweden.

'88

Cary-Lee Stack (McCready), BA/88, and her family are back in North America after living eight years overseas. After a brief time in Kingston, Ontario, and Green River, Wyoming, they have settled very happily in Loveland, Colorado, just north of Denver. Cary-Lee's daughter Chloe, age five, has just begun her first year in Kindergarten at a private Christian school. Her three-year-old son Hunter shares the family passion for skiing. The family spends most of their summers in Kingston and in New York where their very extended family live. Cary-Lee is currently a full-time homemaker and embraces this role with full enthusiasm.

Stewart Wolfe, BA/88, was married on September 26, 1999. He and his wife are expecting their first child in June, 2001. The family resides in Toronto where Stewart works for IBM Global Services. Stewart is proud of his family ties to the university—his sister, mother, and father, retired Carleton philosophy professor Julian Wolfe, all have bachelor of arts degrees from Carleton.



'89

Elizabeth Carlyle, BAHons/89, is pleased to announce the arrival of future alumnus, Andrew Nelson Carlyle, in June 2000. The family lives in Nepean, Ontario.

William Harrison, BAHons/89, and his wife **Rita Harrison (Melissen), BScHons/87**, are pleased to announce the arrival of their son, Richard Melissen Harrison, on March 12, 2000, in Ottawa. Also in March, Bill defended his dissertation for his PhD in theology at Boston College. In June, the family moved to Saskatoon where Bill is an associate professor at the College of Emmanuel & St. Chad, an Anglican Seminary affiliated with the University of Saskatchewan. In addition to being a busy mother, Rita is interim associate priest at St. John's Anglican Cathedral in Saskatoon.

In memoriam

James C. Blair, BA/57
in December 1999

Marie Odette G. Clay, BA/88
on September 25, 2000

Douglas Keith Dale, (Former Faculty)
on September 4, 2000

John Edward Dawe, BA/72
on August 27, 2000

Elizabeth Fisher, BA/71
in 1999

Jean A. Loates, BA/56, MA/77
on October 16, 2000

Roland (Ron) James Mulligan, BA/76
on April 30, 2000

Eric C. Musgrave, BCom/49
on June 16, 2000

Ignace R.S. Mvungi, BEng/72, MEng/75
on April 21, 2000

Lorna Young, (Former Faculty)
on November 17, 2000

Congratulations on the arrival of the following Carleton University

Future Alumni



Hannah Isabelle Thao Baumann



Aadam Syed Hasni



Sebastien Lemaire



Nami Kairyu Mark

Andrew Nelson Carlyle
June 29, 2000

Hannah Isabelle Thao Baumann
May 13, 2000

Robert Andrew MacKenzie Hale
July 31, 2000

Aadam Syed Hasni
July 17, 2000

Trevor George Patrick LeBlanc
January 15, 2000

Sebastien Lemaire
July 15, 2000

Nami Kairyu Mark
August 19, 2000

Padraic Douglas O'Reilly
October 17, 1998





Three times victorious

On Nov. 27, 2000, John Manley was elected for a third consecutive term as Liberal Member of Parliament in the Ottawa South riding where he lives with his wife Judith Rae and their three children.

Just days before the federal election call, Manley was appointed Minister of Foreign Affairs, following a seven-year stint as Industry Minister. While there are rumblings of another cabinet shuffle, Manley will likely continue to hold the foreign affairs portfolio.

"My time as a Liberal MP for Ottawa South will be focused on both local and national needs," he said at his victory party in his local riding. Then on a more serious note he concluded, "Local constituents have given me a huge mandate."

Manley has maintained a consistent local and national profile since graduating from Carleton with a bachelor of arts in mathematics and political science in 1971. He studied one year in Lausanne before enrolling in law school at Ottawa University (1972-76). Prior to being elected to federal politics as a Liberal MP in 1988, Manley practised law with the local firm of Perley Robertson, Panet, Hill, and McDougall from 1977.

David Robillard, BA/89, has recently been named senior director for Kroll Associates in Mexico City. Friends can reach him at: drobilla@krollworldwide.com.

nineties

'90

Jennifer Fotschuk, BSc/90, graduated in December 2000 from Malaspina University College in Nanaimo, British Columbia, with a bachelor of education degree. Jennifer resides in Campbell River, B.C.

Greg Penney, BA/90, and his partner Kelly are pleased to announce the arrival of their son Ethan on October 28, 2000. Everybody is doing great. The family lives in Nepean, Ontario.

Janeen Turner, BEng/90, has been working in England for Unisys. She was home on holidays in the 1000 Islands this summer before returning to England in Nov. 2000.

'91

Christopher Evans, BAHons/91, BA/93, has moved to New York to become associate editor at Ballantine/Del Rey Books, an imprint of Random House. Previously, Christopher was a research associate with the Laurie Centre for Military Strategic and Disarmament

Studies in Waterloo, Ontario. He can be reached at: chevans@randomhouse.com.

Tracy Lee O'Reilly (Creaser), BAHons/91, and her husband Phil are pleased to announce the arrival of Liam Padraic Douglas on October 17, 1998, a brother for Alexander, born August 4, 1996. The family lives in Corning, New York.

Brent Villeneuve, BCom/91, and his wife Laurie Villeneuve (Lambe), BA/98, have moved to Grand Cayman, Cayman Islands, where Brent is managing director for Derivatives Portfolio Management and Laurie is home schooling their two daughters, Abigail, five, and Ava, three.

'92

Franz Baumann, PhD/92, and his wife Barbara Gibson, are proud to announce the arrival of their first child, Hannah Isabelle Thao Baumann, on May 13, 2000, in Thai Nguyen Province, Vietnam. The couple adopted Hannah on October 13, 2000. In early November, all three arrived safely home to Bronxville, just outside of New York City.

Richard Gelder, BAHons/92, has left the practice of law after two and a half years. He obtained a teaching certificate at the Ontario Institute for Studies in Education at the University of Toronto and is teaching French in the department of modern languages at Sir John A. MacDonald Secondary School in Hamilton, Ontario. He continues to coach track and field. Rich resides with Dinsdale, a retired racing greyhound, in Dundas, Ontario. He can be contacted at: rgelder@interlynx.net.

Lynn Menard (Vinet), BAHons/92, has started a new position as an access to information and privacy analyst at the Treasury Board Secretariat in Ottawa. Lynn resides in Gloucester, Ontario, with her husband Gerry and their daughter Haley.

'93

Nicole Leblanc (Collier), BJ/93, and her husband Trevor Leblanc, are pleased to announce the arrival of Trevor George Patrick Leblanc on January 15, 2000. Nicole is practising law in Sydney, Nova Scotia, and can be contacted at: nleblanc@samclaw.com.

Marie Lunney, BJ/93, is pleased to announce the adoption of her son, Ryan Patrick Domenico. Ryan was born on May 27, 2000. Marie was present for Ryan's birth and brought him home in June 2000. Marie works for Nortel Networks as an information developer. The family resides in Kanata, Ontario.

Julie MacLellan, BJ/93, was married in August to Steven Makuch. Julie was recently named editor of the *Abbotsford-Mission Times* newspaper. They live in New Westminster, British Columbia.

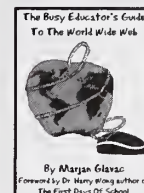
Ian Marshall, BCom/93, and Susan Marshall (Cancilla), BJ/93, are proud to announce the arrival of their daughter, Victoria Francesca, on April 21, 1999. Ian is a financial analyst with Noma Cable Tech in Stouffville, Ontario. Susan works for the provincial government. The family lives in Newmarket, Ontario.

Solly Mokoetle, MJ/93, has been appointed chief operating officer of the South African Broadcasting Corp. making him the second-



Libris

We are pleased to present a listing of recent books written by graduates of Carleton University



The Busy Educators Guide to the World Wide Web, 2nd Edition

Author: Marjan Glavac, MA/82
Publisher: NIMA Systems (London, ON), 2000
Price: \$19.95
Web site: www.glavac.com

Crazy in Chicago

Author: Norah-Jean Perkin, BJ/74
Publisher: The Fiction Works (Oregon), 2000
Price: E-book \$5.95 U.S., Paperback \$7.95 U.S.
Web site: www.fictionworks.com

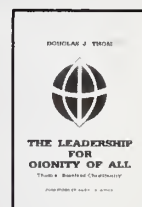


Hiring, Managing and Keeping the Best: The Complete Canadian Guide for Employers

Author: Monica Beauregard, BCom/86
Publisher: McGraw-Hill Ryerson Limited (Toronto), 2000
Price: \$24.99

The Leadership for Dignity of All

Author: Douglas J. Thom, BSc/67
Publisher: The Uganda Council for Educational Administration (Kampala, Uganda), 2000
Price: \$25.00, \$26.60 U.S.
Web site: www.edrs.com



Remembering Tim Horton

Author: Craig MacInnis, BJ/84
Publisher: Stoddart Publishing Co. Ltd. (Toronto), 2000
Price: \$22.95

ranking executive of the state-run broadcaster. Solly has worked with the corporation since 1994 when he was appointed senior general manager for regional radio services. He most recently headed the corporate strategic planning division.

'94

Christy Spicer-Lemaire, BA/94, and her husband Luc are pleased to announce the arrival of their third son Sebastien on July 15, 2000, a brother for Tristan, age three and a half, and Alexandre, age two and a half. The family resides in Constance Bay, Ontario.

Tom Wallis, BJ/94, recently joined the City of Hamilton as a communications and marketing officer. He can be reached by email at: twallis@city.hamilton.on.ca.

Revi Zimmer, BA/94, is pleased to announce her engagement to Randy Mendelsohn of Los

A seat on the Hill

Carleton graduate Scott Reid became a first-time member of parliament in the Nov. 27 federal election after unseating long-time Liberal incumbent Ian Murray in the eastern Ontario riding of Lanark-Carleton.



Reid, 37, and Cheryl Gallant in Renfrew-Nipissing-Pembroke were the only two Alliance candidates to win seats in Ontario.

Reid was previously a senior researcher and policy adviser to former Reform

party leader Preston Manning. He works as an editor and journalist and has authored two books, *Lament for a Nation: The Life and Death of Canada's Bilingual Dream* and *Canada Remapped: How the Partition of Quebec Will Reshape the Nation*.

He also serves on the board of directors for Giant Tiger Stores Ltd., the discount retail chain founded by his family.

Reid graduated from Carleton in 1985 with highest honours in political science winning the Senate medal for academic excellence. He earned a master's degree in history in 1990.

He resides in Carleton Place, Ontario.

Angeles, California. Revi currently lives in Toronto and works as an account executive for globeandmail.com.

'95

Trent Chalecky, BA/95, completed his Ontario police training in 1998. He has been working for the Halton Regional Police force, stationed out of Georgetown, Ontario, since April 2000.



Karin Jordan, BJ/95, is working in communications at Canada's largest union, the Canadian Union of Public Employees. She works on CUPE's national anti-privatization campaign, including CUPE's annual report on privatization. She resides in Ottawa.

Sara-Lynne Levine, BJ/95, married Stan Leinwand of Montreal on Sept. 4, 2000. They relocated to Columbia, South Carolina, where Sara-Lynne is a senior public relations specialist for a communications agency.

'96

Kelly Binder, BAHons/96, MA/2000, and her husband Roger Chang, BScHons/96, are pleased to announce the arrival of their daughter Kayla on Oct. 26, 2000. The family resides in Ottawa.



Elizabeth Hale (MacIntosh), BA/96, and Andrew Hale are thrilled to announce the arrival of their son, Robert Andrew MacKenzie on July 31, 2000, in Ottawa. Elizabeth works at the Canadian Museum of Civilization.

Kashif Hasni, BEng/96, and his wife D. Alia (Ali), BJHons/93, are pleased to announce the arrival of their first child, a son, Aadam Syed Hasni, on July 17, 2000. The family resides in Ottawa.

Mark Ihnat, BAHons/96, is currently doing his PhD in communications at Simon Fraser University in British Columbia. He lives in Coquitlam, B.C.

Matthew Ward, BAHons/96, is living in San Francisco, California, where he works for a high technology company.

'97

James Armstrong, BAHons/97, is pleased to announce his marriage to Tina Grady in August 2000. The couple resides in Edmonton where James works as a police officer with the Canadian Forces and Tina is an elementary school teacher.

Journalist by day, romance novelist by night

By Jim Donnelly

"Tell the livestock story, honey."

Laura Byrne Paquet glances toward her husband Paul. She's been talking about her life both before and after completing a journalism degree at Carleton University in 1987.

"Oh yeah, the livestock story. This seems to show up in all my bios," she laughs. "When my birth announcement appeared in the *Brampton Daily Times*, it ran under the heading Livestock for Sale. My parents were teased about that one for a long, long time."

Paquet's career as a journalist has had a similar air of curiosity. In the 13 years since she graduated from Carleton she's been an editor, self-publisher and entrepreneur, as well as a freelance travel writer and, most recently, a published romance novelist.

Paquet truly wears a coat of many colours.

Born in Brampton, Ontario, Paquet moved to Ottawa in 1983 to study journalism at Carleton. She has lived in Ottawa ever since.

Following graduation she worked with both Capital Publishers and the now-defunct *Ottawa Business News* as well as occasionally freelancing travel articles.

Since then, she has become a full-time freelancer and entrepreneur, selling mostly travel



Laura Byrne Paquet

articles to publications such as *The Globe and Mail*, *Canadian Living Magazine*, the *Ottawa Citizen* and *National Geographic Traveler*.

She and Paul, her husband of almost 10 years, also own Cornerstone Word Co., producing speeches, news releases, brochures and newsletters for a variety of clients.

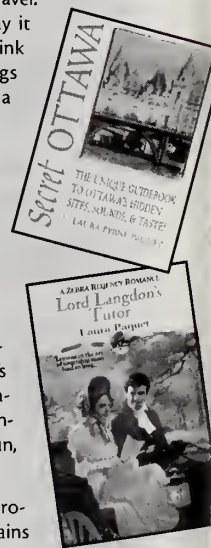
"I like the variety (of freelancing)," says Paquet. "I also love to travel. I like the way it makes you think about things

and reminds you that there's a whole other world out there."

Her initial travel guidebook, *Secret Ottawa*, came out in November alongside the publication of her first romance novel, *Lord Langdon's Tutor*, set in regency England (roughly 1800-1820).

"I'm hooked on the whole format of regency romance. There's a real emphasis on witty dialogue and on the social conventions of the period. It's great fun, once you get into it."

Despite her love of writing romance novels, Paquet maintains she'll continue her multi-faceted career — at least for now.



WISE woman

By Anna Nicolle

Colleen Ennett, 26, voted by her Grade six classmates as most likely to become a mad scientist, is now leading the way in Canada for women in science and engineering.

The PhD student in systems and computer engineering at Carleton University is designing an artificial neural network that simulates the human brain to predict survival rates of babies in neonatal intensive care. Ennett is the president of the Ottawa chapter of WISE (Women in Science and Engineering), an organization dedicated to supporting women in the engineering field. She says that while men currently outnumber women in her chosen profession, organizations like WISE are working with universities and employers to ensure engineering is a desirable profession for women.

"I want to show that engineering is not an isolated, cold environment. It can be fun and exciting," says Ennett.

Number of hours Ennett spent in front of her computer last year **1,440 hours**

What she does when she isn't in front of her computer
Rock Climbing, Snowboarding & playing ultimate frisbee

Percentage of licensed professional engineers in Canada who are women **5.5 percent**

Percentage of licensed professional engineers born after 1970 who are women **24 percent**

Number of hours Ennett has spent in school since Kindergarten **26,420**

Ennett's favorite toy when she was growing up
Lego building blocks

Percentage of women in undergraduate engineering programs **20 percent**

Gender most likely to pursue post graduate studies in engineering **Women**

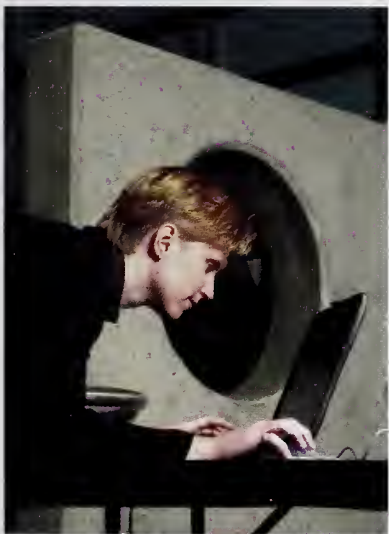
Ennett's favourite subjects in grade school
Math and science

Number of licensed professional engineers in Canada (1999) **179,568**

Number of female licensed professional engineers in Canada (1999) **11,580**

Engineering paths women are most likely to pursue
Chemical, industrial/manufacturing and environmental

Photos: Gregory Abraszko





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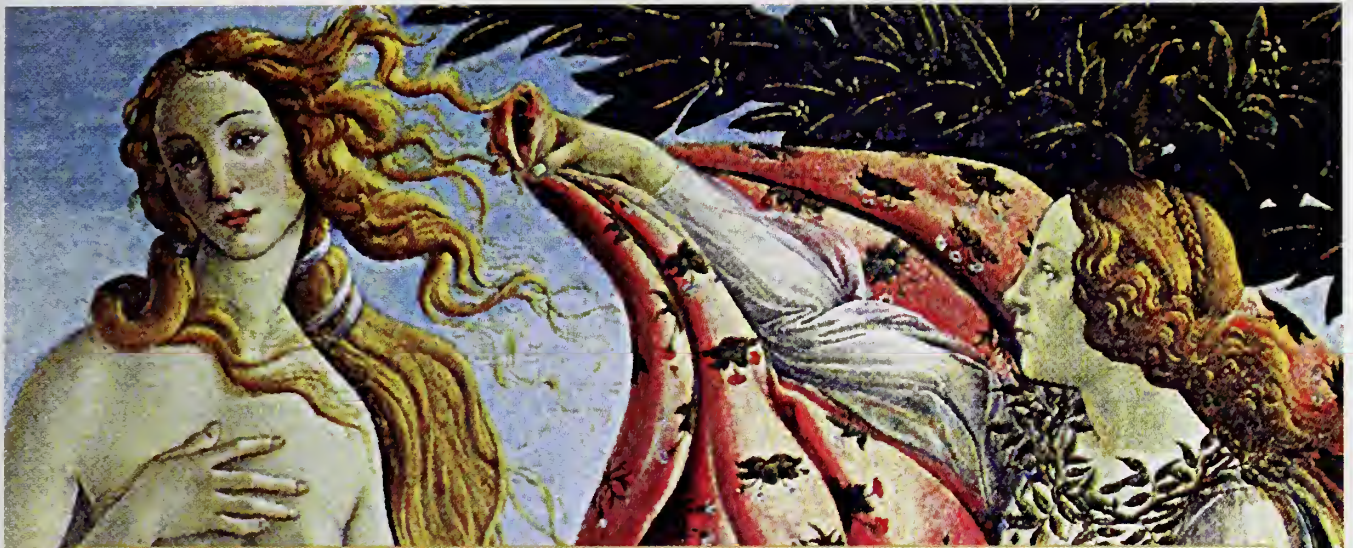
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comprehensive online investment research, to free educational seminars, to over 1,000 mutual funds available to you without fees, TD Waterhouse has the tools to help you take control of your financial future.

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